

Question Paper Preview

Notations :

- 1.Options shown in green color and with ✓ icon are correct.
- 2.Options shown in red color and with ✗ icon are incorrect.

Question Paper Name:	PGT BIOLOGY FEMALE 6th July 2018 Shift2
Subject Name:	PGT BIOLOGY FEMALE
Creation Date:	2018-07-06 18:38:30
Duration:	180
Total Marks:	300
Display Marks:	Yes
Share Answer Key With Delivery Engine:	Yes
Actual Answer Key:	Yes
Calculator:	None
Magnifying Glass Required?:	No
Ruler Required?:	No
Eraser Required?:	No
Scratch Pad Required?:	No
Rough Sketch/Notepad Required?:	No
Protractor Required?:	No

	Mental Ability
Group Number :	1
Group Id :	167943132
Group Maximum Duration :	0
Group Minimum Duration :	0
Revisit allowed for view? :	No
Revisit allowed for edit? :	No
Break time:	0
Group Marks:	20

	Mental Ability
Section Id :	167943191
Section Number :	1
Section type :	Online
Mandatory or Optional:	Mandatory
Number of Questions:	20
Number of Questions to be attempted:	20
Section Marks:	20
Display Number Panel:	Yes
Group All Questions:	No

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Sub-Section Id: 167943398
Question Shuffling Allowed : Yes

Question Number : 1 Question Id : 1679436922 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Select the option that is related to the third term in the same way as the second term is related to the first term.

54 : 20 :: 87 : _____

Options :

✓ 56

✗ 64

✗ 49

✗ 48

Question Number : 2 Question Id : 1679436923 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Select the correct option that will complete the number series correctly.

1, 3, 7, 15, 31, _____, 127

Options :

✗ 59

✓ 63

✗ 61

✗ 65

Question Number : 3 Question Id : 1679436924 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Select the options that is different from the remaining four.

Options :

✓ Heroic : Daring

✗ Cunning : Generous

✗ Altruistic : Selfish

✖ Valiant : Secretive

Question Number : 4 Question Id : 1679436925 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Dhanush's father Murali has a brother named Shantanu. Chinmayi is Shantanu's sister's daughter. How is Murali related to Chinmayi?

Options :

✖ Brother

✔ Uncle

✖ Nephew

✖ Cousin

Question Number : 5 Question Id : 1679436926 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Select the word that CANNOT be formed using the letters of the word given below not more than the number of times each letter appears in the given word below.

EMIGRATION

Options :

✖ MIGRAINE

✔ GERMINATE

✖ ORIGINATE

✖ IMAGINE

Question Number : 6 Question Id : 1679436927 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Select the option that is different from the other four.

Options :

✔ Orchard

✖ Lily

✖ Jasmine

✖ Tulip

Question Number : 7 Question Id : 1679436928 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Select the term that is related to the third term in the same way as the second term is related to the first term.

Boring : Dull :: Interesting : _____

Options :

✖ Alarming

✖ Baffling

✔ Amusing

✖ Creepy

Question Number : 8 Question Id : 1679436929 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Select the term that is related to the third term in the same way as the second term is related to the first term.

Eradicate : Abolish :: Authorise : _____

Options :

✖ Impair

✔ Empower

✖ Censure

✖ Reprimand

Question Number : 9 Question Id : 1679436930 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Select the correct option that will complete the number series correctly.

2, 5, 7, 10, 12, 15, 17, _____

Options :

✖ 21

✔ 20

✖ 19

✖ 22

Question Number : 10 Question Id : 1679436931 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Bhim said to Anju, "Your father's mother is my sister's mother-in-law". How is Anju related to Bhim?

Options :

✖ Cousin

✔ Niece

✖ Sister

✖ Sister-in-law

Question Number : 11 Question Id : 1679436932 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Read the information below and answer the questions that follow.

Five friends are sitting around a circular table facing the centre. Mukesh does NOT sit immediately next to Pushkar or Naresh. Omkar sits to Pushkar's immediate right. Lakshya sits to Naresh's immediate left.

Between whom is Lakshya sitting?

Options :

✖ Pushkar and Omkar

✖ Mukesh and Pushkar

✔ Mukesh and Naresh

✖ Omkar and Mukesh

Question Number : 12 Question Id : 1679436933 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Read the information below and answer the questions that follow.

Five friends are sitting around a circular table facing the centre. Mukesh does NOT sit immediately next to Pushkar or Naresh. Omkar sits to Pushkar's immediate right. Lakshya sits to Naresh's immediate left.

Who is sitting to Omkar's immediate right?

Options :

- ✖ Lakshya
- ✖ Naresh
- ✔ Mukesh
- ✖ Pushkar

Question Number : 13 Question Id : 1679436934 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Read the information below and answer the questions that follow.

Five friends are sitting around a circular table facing the centre. Mukesh does NOT sit immediately next to Pushkar or Naresh. Omkar sits to Pushkar’s immediate right. Lakshya sits to Naresh’s immediate left.

Who is sitting immediately between Naresh and Omkar?

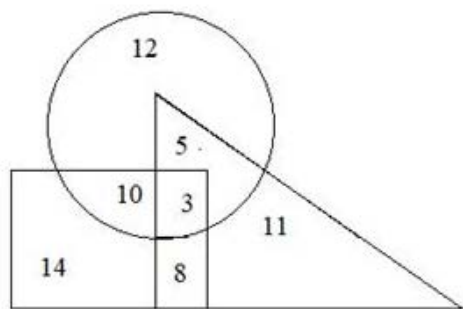
Options :

- ✖ Lakshya
- ✖ Mukesh
- ✔ Pushkar
- ✖ Cannot be determined

Question Number : 14 Question Id : 1679436935 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The given Venn diagram shows students of a dance class and their favourite dance styles. The rectangle represents Kathak, the circle represents Odissi and the triangle represents Kuchipudi. Study the diagram and answer the given questions.



In all, how many students learn Kathak (with or without other dance forms)?

Options :

- ✖ 32

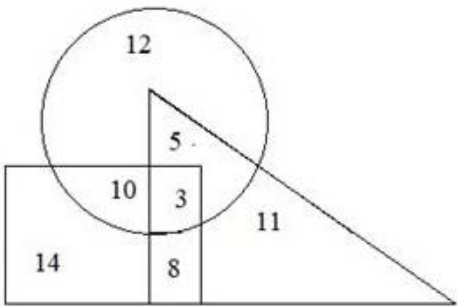
✗ 22

✗ 24

✓ 35

Question Number : 15 Question Id : 1679436936 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

The given Venn diagram shows students of a dance class and their favourite dance styles. The rectangle represents Kathak, the circle represents Odissi and the triangle represents Kuchipudi. Study the diagram and answer the given questions.



How many students learn at least two dance forms?

Options :

✗ 16

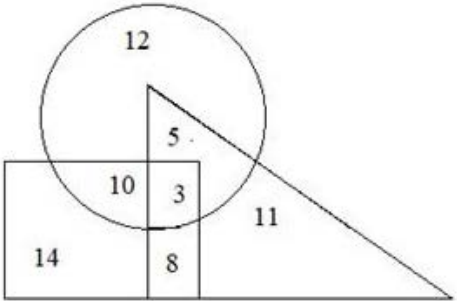
✓ 26

✗ 18

✗ 11

Question Number : 16 Question Id : 1679436937 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

The given Venn diagram shows students of a dance class and their favourite dance styles. The rectangle represents Kathak, the circle represents Odissi and the triangle represents Kuchipudi. Study the diagram and answer the given questions.



In all, how many students are there in the dance class?

Options :

✗ 64

✗ 67

✓ 63

✗ 52

Question Number : 17 Question Id : 1679436938 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following words will come third in an English dictionary?

Options :

✗ marital

✗ marigold

✗ martian

✓ martial

Question Number : 18 Question Id : 1679436939 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Select the option that correctly arranges the given words in a meaningful order.

- A. Tie
- B. Shoes
- C. Trousers
- D. Cap
- E. Shirt

Options :

✗ B – A – E – D – C

✗ D – A – B – C – E

✓ B – C – E – A – D

✗ D – B – C – E – A

Question Number : 19 Question Id : 1679436940 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Pappu goes from his home to his shop on a bike. First, he goes 5 km to the north; then, turns right and goes for 3 km. From there, he turns right and goes for a distance of 1 km. Finally, he turns left and goes 2 km to reach his shop. To which direction is Pappu's home located with respect to his shop?

Options :

✖ North-east

✖ South-east

✖ North-west

✔ South-west

Question Number : 20 Question Id : 1679436941 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

In a code language, MASTER is coded as 583274; MISTER is coded as 563274; MISERY is coded as 563741. In that code language, what will SISTER be coded as?

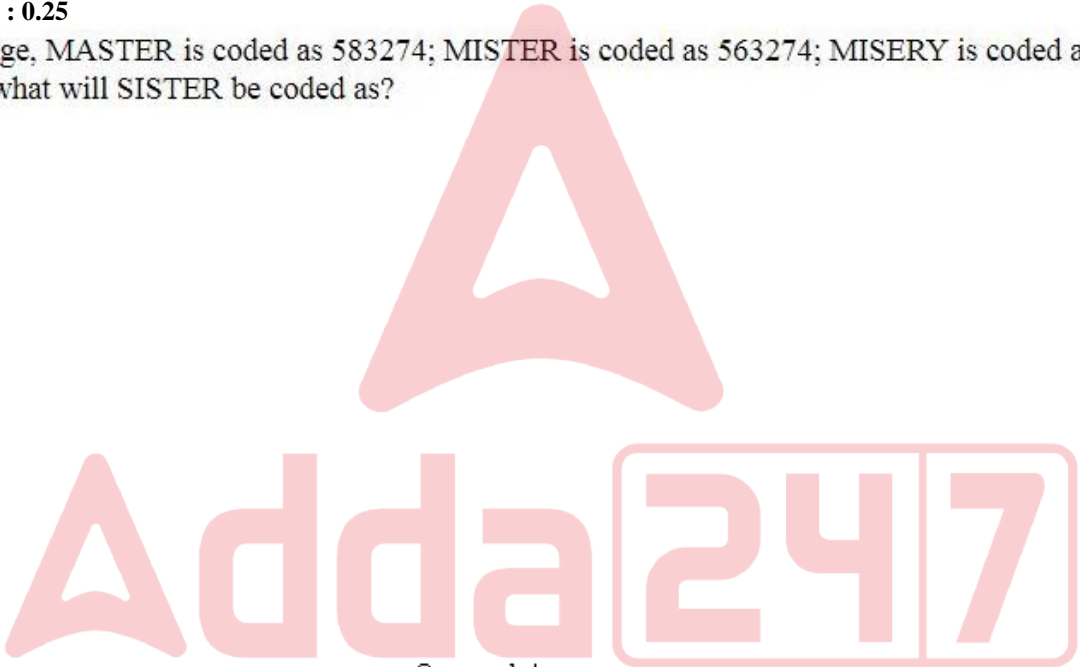
Options :

✖ 363452

✖ 525374

✔ 363274

✖ 525483



General Awareness

Group Number :	2
Group Id :	167943133
Group Maximum Duration :	0
Group Minimum Duration :	0
Revisit allowed for view? :	No
Revisit allowed for edit? :	No
Break time:	0
Group Marks:	20

General Awareness

Section Id :	167943192
Section Number :	1
Section type :	Online
Mandatory or Optional:	Mandatory
Number of Questions:	20
Number of Questions to be attempted:	20
Section Marks:	20

Display Number Panel: Yes
Group All Questions: No

Sub-Section Number: 1
Sub-Section Id: 167943399
Question Shuffling Allowed : Yes

Question Number : 21 Question Id : 1679436942 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

The Purna Swaraj (Complete Independence) resolution was passed by the Congress in December 1929 in:

Options :

- ✗ the Calcutta session
- ✗ the Nagpur session
- ✓ the Lahore session
- ✗ the Lucknow session

Question Number : 22 Question Id : 1679436943 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

“Kesari”, a Marathi newspaper was founded by:

Options :

- ✓ Bal Gangadhar Tilak
- ✗ Justice Ranade
- ✗ Pandita Ramabai
- ✗ Jyotirao Phule

Question Number : 23 Question Id : 1679436944 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

The Jallianwala Bagh massacre took place on:

Options :

- ✓ 13 April 1919
- ✗ 13 May 1918

✖ 13 April 1918

✖ 13 May 1919

Question Number : 24 Question Id : 1679436945 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following rivers originates in Trimbakeshwar in Nashik district of Maharashtra?

Options :

✖ Narmada

✔ Godavari

✖ Tapti

✖ Mahanadi

Question Number : 25 Question Id : 1679436946 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Sukinda in Odisha is famous for deposits of which of the following minerals?

Options :

✖ Bauxite

✔ Chromite

✖ Mica

✖ Manganese

Question Number : 26 Question Id : 1679436947 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The President nominates _____ members of the Anglo-Indian Community to the Lok Sabha.

Options :

✖ 6

✔ 2

✖ 10

✖ 12

Question Number : 27 Question Id : 1679436948 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

_____ is removed by the process of impeachment.

Options :

- ✖ The Prime Minister of India
- ✖ The Speaker of the Lok Sabha
- ✔ The President of India
- ✖ The Governor of a State

Question Number : 28 Question Id : 1679436949 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

What is the maximum strength of the Lok Sabha prescribed by the Constitution?

Options :

- ✔ 552 members
- ✖ 564 members
- ✖ 558 members
- ✖ 555 members

Question Number : 29 Question Id : 1679436950 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The legal provisions governing the management of foreign exchange reserves are laid down in the Reserve Bank of India Act, _____.

Options :

- ✖ 1947
- ✖ 1971
- ✖ 1923
- ✔ 1934

Question Number : 30 Question Id : 1679436951 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which among the following was the highest produced commercial crop (in million tonnes) in India in 2016-17?

Options :

- ☐ Tea
- ☐ Coffee
- ☒ Sugarcane
- ☐ Tobacco

Question Number : 31 Question Id : 1679436952 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

In which state is Gol Gumbaj, the tomb of Adil Shah, situated?

Options :

- ☒ Karnataka
- ☐ Kerala
- ☐ Tamilnadu
- ☐ Telangana

Question Number : 32 Question Id : 1679436953 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

With which musical instrument is the famous musician Pandit Arvind Parikh associated?

Options :

- ☐ Shehnai
- ☐ Tabla
- ☒ Sitar
- ☐ Sarangi

Question Number : 33 Question Id : 1679436954 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

With which type of painting is the artist Bhajju Shyam associated?

Options :

✖ Kalighat

✖ Phad

✖ Picchwai

✔ Gond

Question Number : 34 Question Id : 1679436955 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

What is the total number of Olympic Gold Medals won by India in Hockey?

Options :

✖ 3

✔ 8

✖ 5

✖ 6

Question Number : 35 Question Id : 1679436956 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

What is the all-time total number of Gold Medals won by India in track and field events at Commonwealth Games?

Options :

✖ 12

✖ 3

✖ 7

✔ 5

Question Number : 36 Question Id : 1679436957 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following is a good conductor of electricity?

Options :

✖ Wood

✘ Paper

✘ Glass

✔ Aluminium

Question Number : 37 Question Id : 1679436958 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

What is the number of members in SAARC?

Options :

✘ 5

✘ 11

✘ 3

✔ 8

Question Number : 38 Question Id : 1679436959 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

What was the theme of Earth Day 2018?

Options :

✘ End Global Warming

✘ End Cyber Terrorism

✘ Adopt Car Pool

✔ End Plastic Pollution

Question Number : 39 Question Id : 1679436960 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

_____ will preside over the first meeting of National Committee for Commemoration of 150th Birth Anniversary of Mahatma Gandhi in 2019.

Options :

✘ Arun Jaitley

✘ Venkaih Naidu

✓ Ram Nath Kovind

✗ Smriti Irani

Question Number : 40 Question Id : 1679436961 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

Which country was the top remittances receiving country in 2017?

Options :

✗ Japan

✗ China

✗ United States America

✓ India

Group Number :	3
Group Id :	167943134
Group Maximum Duration :	0
Group Minimum Duration :	0
Revisit allowed for view? :	No
Revisit allowed for edit? :	No
Break time:	0
Group Marks:	20

	Arithmetic Ability
Section Id :	167943193
Section Number :	1
Section type :	Online
Mandatory or Optional:	Mandatory
Number of Questions:	17
Number of Questions to be attempted:	17
Section Marks:	20
Display Number Panel:	Yes
Group All Questions:	No

Sub-Section Number:	1
Sub-Section Id:	167943400
Question Shuffling Allowed :	Yes

Question Number : 41 Question Id : 1679436962 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The ratio of three positive integers is 2 : 3 : 4, and the sum of the cubes of the integers is 792. By what least number should the sum of their squares be multiplied so that it becomes a perfect square?

Options :

✗ 17

✗ 19

✓ 29

✗ 31

Question Number : 42 Question Id : 1679436963 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The value of $\frac{(0.67)(0.4489)-(0.1)^3}{0.67(0.77)+0.01} \times \frac{(3.07)^2+(0.0193)^2}{(0.307)^2+(0.00193)^2}$ is:

Options :

✗ 0.0057

✗ 0.057

✗ 0.57

✓ 57

Question Number : 43 Question Id : 1679436964 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

On simplification, $\frac{16 \times 2^{n+1} - 4 \times 2^n}{4^2 \times 2^{2n+2} - 2 \times 2^{n+2}} \div \sqrt[5]{(32)^{-3}}$ reduces to:

Options :

✓ 4

✗ $\frac{1}{4}$

✗ $\frac{1}{2}$

✗ 2

Question Number : 44 Question Id : 1679436965 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The value of $\frac{5 \div 5 \times 5}{5 + 5 \text{ of } 5} \div \frac{\frac{1}{5} \div \frac{1}{5} \text{ of } \frac{1}{5}}{\frac{3}{5} \times \frac{3}{5} \div \frac{3}{5}} \text{ of } \frac{2 + 2 \times 2}{2 + 2 \times 2} \times \frac{\frac{1}{2} + \frac{1}{2} \text{ of } \frac{1}{2}}{\frac{1}{2} + \frac{1}{2} \text{ of } \frac{1}{2}}$ is:

Options :

☐ $1\frac{2}{3}$

☒ $2\frac{2}{3}$

☐ $1\frac{2}{5}$

☐ $2\frac{2}{5}$

Question Number : 45 Question Id : 1679436966 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The sum of three fractions is $2\frac{7}{24}$. If the smallest fraction is divided by the greatest fraction, the result is $\frac{16}{21}$, which is greater than the middle (other than greatest and smallest) fraction by $\frac{1}{84}$. What is the ratio of the middle fraction to the greatest fraction?

Options :

☐ 16 : 21

☐ 5 : 8

☒ 6 : 7

☐ 8 : 9

Question Number : 46 Question Id : 1679436967 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The monthly salary of A and B together is ₹ 56,000. If the monthly salary of A is increased by 25% and that of B by $12\frac{1}{2}\%$, then the new salary of B will become 20% more than the new salary of A. 35% of the initial salary of A is:

Options :

☐ ₹ 7,700

✓ ₹ 8,400

✗ ₹ 8,680

✗ ₹ 8,750

Question Number : 47 Question Id : 1679436968 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The monthly incomes of A and B are in the ratio of 5 : 4, and their monthly expenditures are in the ratio of 9 : 7. If the monthly income of A is equal to two times the expenditure of B, then the ratio of the earnings of A to that of B is:

Options :

✗ 23 : 21

✗ 19 : 17

✗ 20 : 19

✓ 25 : 21

Question Number : 48 Question Id : 1679436969 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Mitu marks her goods 35% above the cost of the offers two successive discounts of 20% and 25% on the marked price, she suffers a loss of ₹ 57. What will be her profit if she sells the goods on the marked price without any discount?

Options :

✗ ₹ 122.50

✗ ₹ 87.50

✓ ₹ 105

✗ ₹ 140

Question Number : 49 Question Id : 1679436970 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

A sum increases by 84% in 7 years at simple interest at a certain rate percent per annum. What will be the compound interest on a sum of ₹ 12,500 at the same rate of interest in $2\frac{1}{2}$ years? (Nearest to an integer)

Options :

✗ ₹ 16,618

✓ ₹ 16,621

✗ ₹ 16,632

✗ ₹ 16,732

Question Number : 50 Question Id : 1679436971 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The total surface area of a solid cylinder is 462 cm^2 . If its curved surface area is $33\frac{1}{3}\%$ of its total surface area, then the curved surface area of a cone (in cm^2), where the height and base radius are the same as that of the cylinder, is (use $\pi = \frac{22}{7}$):

Options :

✗ $154\sqrt{2}$

✗ $77\sqrt{2}$

✗ $\frac{77}{2}\sqrt{5}$

✓ $77\sqrt{5}$

Question Number : 51 Question Id : 1679436972 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The least number that when divided by 4, 5, 6, 7, 8 and 12 leaves a remainder of 2 in each case is x , and x is divisible by 13. What is the digit at hundred's place in x ?

Options :

✗ 2

✗ 3

✓ 5

✗ 7

Question Number : 52 Question Id : 1679436973 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

In finding the HCF of two numbers by 'division method', the last division is 49 and the respective quotients are 17, 3 and 2. What is the difference between the two numbers?

Options :

✓ 5586

✗ 5576

✗ 5568

✗ 5567

Question Number : 53 Question Id : 1679436974 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

A boat can travel 10 km upstream and 15 km downstream in $1\frac{1}{2}$ h. It can travel 10 km downstream and 5 km upstream in 50 min. How much time (in hours) will it take to cover a distance of 140 km in still water?

Options :

✗ 6

✗ $6\frac{1}{2}$

✓ 7

✗ $7\frac{1}{2}$

Question Number : 54 Question Id : 1679436975 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

A can complete a task in 9 days. B is 50% more efficient than C, and C can complete the same task in 15 days. B and C together started the work but had to leave the work after 2 days. The number of days in which A alone will complete the remaining task is:

Options :

✗ 4

✓ 6

✗ 5

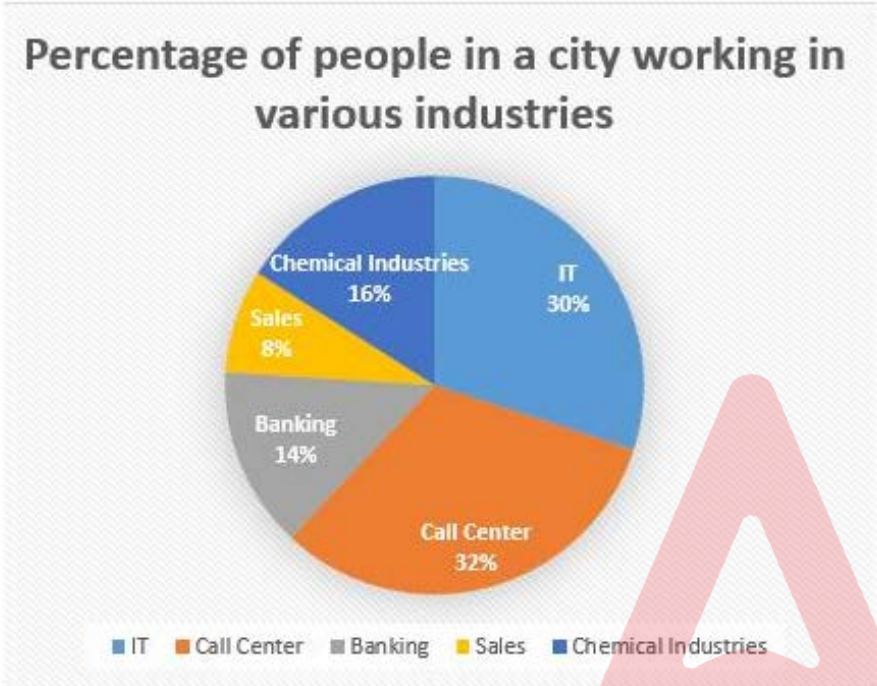
✗ 3

Question Id : 1679436976 Question Type : COMPREHENSION Sub Question Shuffling Allowed : Yes Group Comprehension Questions : No

Question Numbers : (55 to 56)

Question Label : Comprehension

Study the following pie-chart and table and answer the following questions that follows:



Total number of people= 20500

Percentage of males working in various industries

Industries	Males
IT	60%
Call Centre	55%
Sales	40%
Banking	60%
Chemical	85%

Sub questions

Question Number : 55 Question Id : 1679436977 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The number of males working in Sales and Chemical industries together is equal to the total number of females working in the industries of

Options :

✗ Sales and Banking

✗ IT and Call Centre

✗ Banking and Chemical

✔ Sales and IT

Question Number : 56 Question Id : 1679436978 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

The number of males working in IT and Banking industries together is what percent more than the number of females working in Call Centre, Sales and Chemical industries together? (Correct to one decimal point)

Options :

✘ 20.8

✔ 22.2

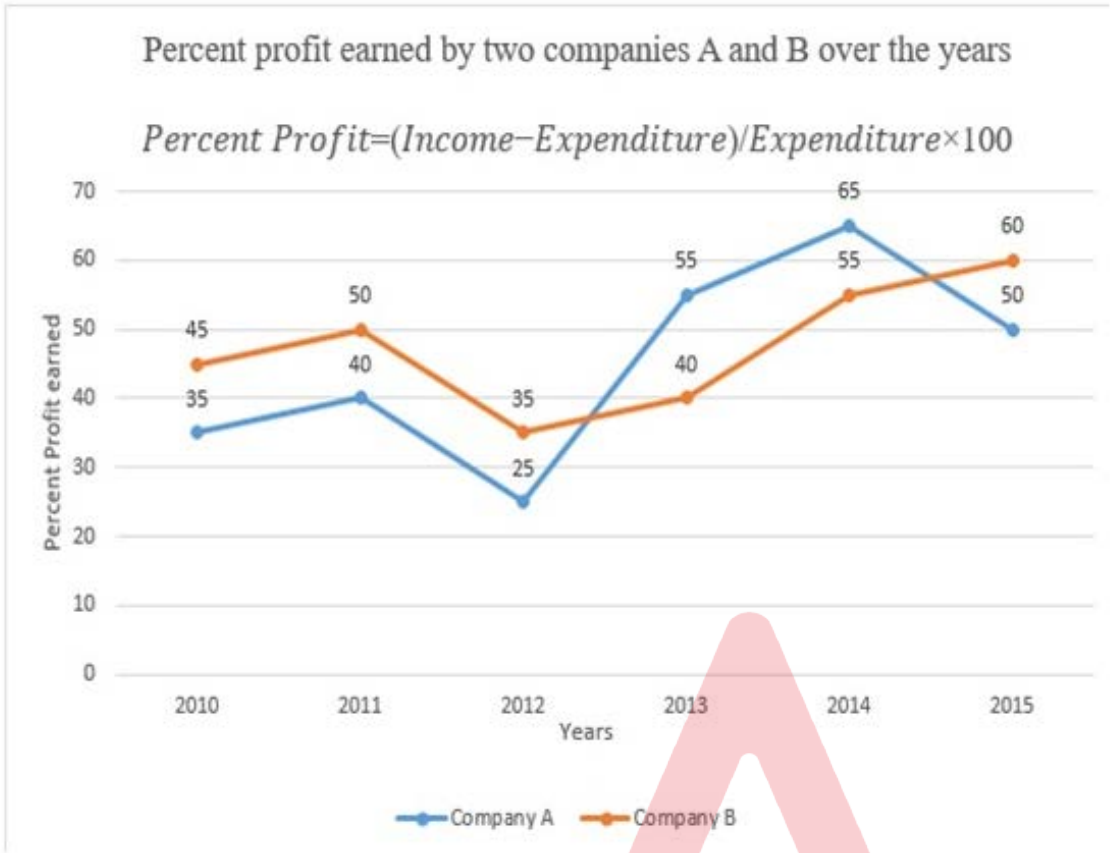
✘ 22.4

✘ 23.5

Sub-Section Number: 3
Sub-Section Id: 167943402
Question Shuffling Allowed : Yes

Question Id : 1679436979 Question Type : COMPREHENSION Sub Question Shuffling Allowed : Yes Group Comprehension Questions : No
Question Numbers : (57 to 58)
Question Label : Comprehension

Study the following graph and answer the questions that follows:



Sub questions

Question Number : 57 Question Id : 1679436980 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

If the income of company A in 2014 was ₹ 181.5 lakh, then What was its expenditure in that year?

Options :

✗ ₹ 100 lakh

✓ ₹ 110 lakh

✗ ₹ 112 lakh

✗ ₹ 115 lakh

Question Number : 58 Question Id : 1679436981 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

Expenditure of company B in 2013 was 90% of its expenditure in 2012. Income of B in 2013 was what percent of its income in 2012?

Options :

✖ $109\frac{1}{7}$

✖ $109\frac{2}{7}$

✔ $93\frac{1}{3}$

✖ $96\frac{2}{3}$

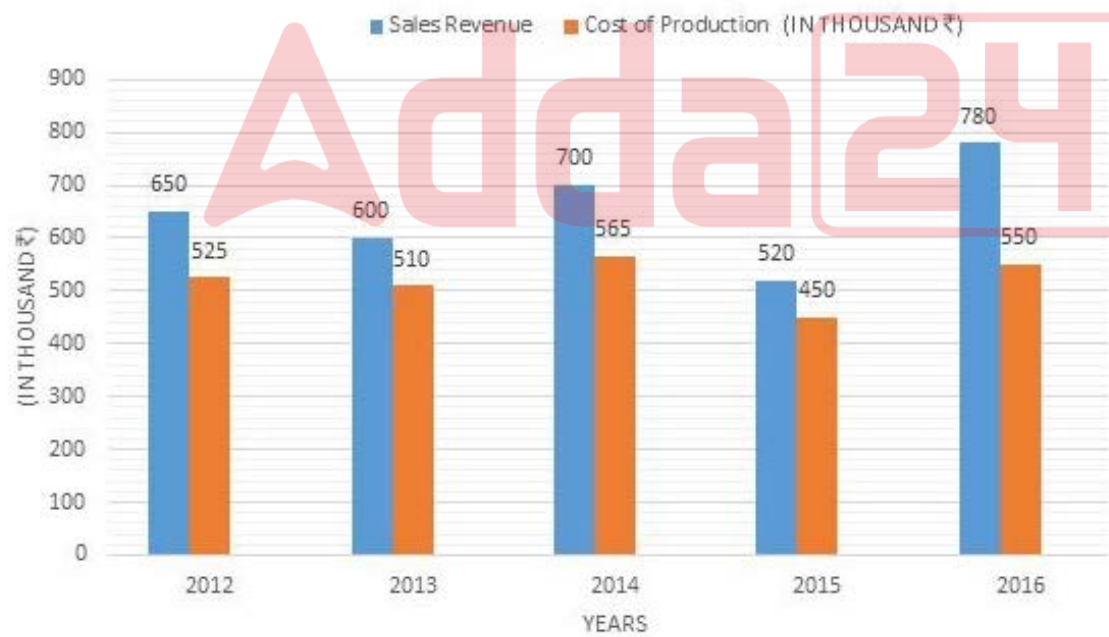
Sub-Section Number: 4
Sub-Section Id: 167943403
Question Shuffling Allowed : Yes

Question Id : 1679436982 Question Type : COMPREHENSION Sub Question Shuffling Allowed : Yes Group Comprehension Questions : No

Question Numbers : (59 to 60)

Question Label : Comprehension

Study the following bar graph which shows the information regarding sales revenue and cost of production of the company ABC over the years, and answer the questions that follows:



Sub questions

Question Number : 59 Question Id : 1679436983 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

By what percent the average sales revenue is more than the average production cost of the given years?

Options :

✖ 20%

✔ 25%

✖ 28%

✖ 30%

Question Number : 60 Question Id : 1679436984 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

If the cost of production in 2013 and 2015 be increased by 10% and 20% respectively, then by what percent will the total cost in these two years be more than the sales revenue of 2016? (Correct to one decimal place)

Options :

✖ 40.8%

✖ 41.6%

✔ 41.2%

✖ 41.8%

Group Number :	4
Group Id :	167943135
Group Maximum Duration :	0
Group Minimum Duration :	0
Revisit allowed for view? :	No
Revisit allowed for edit? :	No
Break time:	0
Group Marks:	20

General English

Section Id :	167943194
Section Number :	1
Section type :	Online
Mandatory or Optional:	Mandatory
Number of Questions:	16
Number of Questions to be attempted:	16
Section Marks:	20
Display Number Panel:	Yes

Group All Questions:

No

Sub-Section Number:

1

Sub-Section Id:

167943404

Question Shuffling Allowed :

Yes

Question Number : 61 Question Id : 1679436985 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Choose the correct SYNONYM of:

DANGER

Options :

✘ Disturbance

✘ Depreciation

✔ Peril

✘ Horror

Question Number : 62 Question Id : 1679436986 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Choose the correct ANTONYM of:

COMMITTED

Options :

✘ Inspired

✘ Praiseworthy

✘ Undisturbed

✔ Unmotivated

Question Number : 63 Question Id : 1679436987 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Choose the correct ANTONYM of the underlined word to fill in the blank.

The digital world expects all of us to be very tech-savvy, but I still prefer to do my personal writing _____.

Options :

☐ easily

☒ manually

☐ electronically

☐ formally

Question Number : 64 Question Id : 1679436988 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Choose the correct word to fill in the blank.

I have _____ terrible headache. I'm sorry I can't accompany you to the movie.

Options :

☐ some

☐ the

☒ a

☐ an

Question Number : 65 Question Id : 1679436989 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Fill in the blank with the appropriate word.

My friends and I _____ to watch the IPL finals in Mumbai.

Options :

☒ are planning

☐ was planning

☐ is planned

☐ were planned

Question Number : 66 Question Id : 1679436990 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Fill in the blank with the appropriate word.

We must keep in mind that most trains on this route will _____ be delayed if there is heavy fog.

Options :

- ☐ clearly
- ☒ probably
- ☐ usually
- ☐ truly

Question Number : 67 Question Id : 1679436991 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

In the following sentences, four words or phrases have been underlined. One of them is incorrect. Choose the INCORRECT word or phrase from the given options.

There were special areas in the city that are earmarked for commercial activities. You cannot open a restaurant in this area as it is residential.

Options :

- ☒ were special areas
- ☐ that are earmarked
- ☐ cannot open a restaurant
- ☐ it is residential

Question Number : 68 Question Id : 1679436992 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

In the following sentences, four words or phrases have been underlined. One of them is incorrect. Choose the INCORRECT word or phrase from the given options.

Some of the smaller towns in South India are cheaper for setting up the IT industry. They are therefore offering great opportunities to professionals on the field of IT.

Options :

- ☐ Some of the smaller towns
- ☐ for setting up
- ☐ great opportunities

✓ on the field of IT

Question Number : 69 Question Id : 1679436993 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Choose the correct PASSIVE VOICE form of the given sentence.

The judge asked the inspector to find out where the accused had spent the previous night.

Options :

- ✗ The inspector was asking the judge to find out about the previous night spent by the accused.
- ✗ The judge said to the inspector that he should find out where the accused had been the previous night.
- ✗ The judge asked the inspector, "Where did the accused spend the previous night?"
- ✓ The inspector was asked by the judge to find out where the accused had spent the previous night.

Question Number : 70 Question Id : 1679436994 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Choose the most appropriate INDIRECT SPEECH for the following sentence.

I said to Smita, "Please help me to arrange these files and the furniture for the meeting".

Options :

- ✗ I am requested by Smita to please help her to arrange those files and the furniture for the meeting.
- ✗ I was requesting Smita that she should help me in arranging the files and the furniture for the meeting.
- ✓ I requested Smita to help me to arrange those files and the furniture for the meeting.
- ✗ Smita told me that she needed help in arranging the files and the furniture for the meeting.

Question Number : 71 Question Id : 1679436995 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Choose the best option to combine the given sentences.

I noticed that an old woman was standing on the road side unable to cross over to the other side. I felt that I should help her.

Options :

- ✗ I noticed an old woman unable to cross over to the other side of the road still I felt I should help her.

When I noticed that an old woman was standing on the road side, unable to cross over to the other side, I felt that I should help her.

I noticed an old woman unable to cross over to the other side, however I felt I should help her.

Whenever I noticed that an old woman was standing on the road side, unable to cross over to the other side, I felt that I should help her.

Question Number : 72 Question Id : 1679436996 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Choose the sentence that is correctly punctuated.

Options :

- ✓ "The best way to handle a difficult relationship is to overcome your ego," advised the spiritual leader, Swami.
- ✗ The best way to handle a difficult relationship is to overcome your ego advised the spiritual leader, Swami
- ✗ "the best way to handle a difficult situation is to overcome your ego," advised the spiritual leader, swami.
- ✗ The best way to handle a difficult situation is to overcome your ego advised the spiritual leader swami.

Question Number : 73 Question Id : 1679436997 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Choose the word that is correctly spelt.

Options :

- ✗ Vacuum
- ✗ Mischievious
- ✗ Elementry
- ✓ Grammar

Question Number : 74 Question Id : 1679436998 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Fill in the blank with the appropriate phrasal verb.

My aunt had a massive heart attack. Luckily, she received timely medical help that helped her to _____.

Options :

- ✗ pull along

☒ pull through

☐ pull on

☐ pull off

Question Number : 75 Question Id : 1679436999 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Fill in the blank with the appropriate idiom.

News about the indictment of the corrupt officer _____ and those whom he had cheated were seen rejoicing.

Options :

☒ spread like wild fire

☐ made a clean sweep

☐ broke the ice

☐ leapt in the dark

Sub-Section Number: 2
Sub-Section Id: 167943405
Question Shuffling Allowed : Yes

Question Id : 1679437000 Question Type : COMPREHENSION Sub Question Shuffling Allowed : Yes Group Comprehension
Questions : No

Question Numbers : (76 to 80)

Question Label : Comprehension

Read the following passage and answer the questions that follows.

You think that your attention is in the present moment when it's actually taken up completely by time. You cannot be both unhappy and fully present in the Now. What you refer to as your 'life' should more accurately be called your 'life situation'. Certain things in the past didn't go the way you wanted them to go. You are still resisting what happened in the past, and now you are resisting what is. Hope is what keeps you going, but hope keeps you focused on the future, and this continued focus perpetuates your denial of the Now and therefore your unhappiness.

It is true that my present life situation is the result of things that happened in the past, but being stuck in it is what makes me unhappy. Forget about your life situation for a while and pay attention to your life. What is the difference? Your life is now. Your life is real. Find the 'narrow gate that leads to life'. It is called the Now. Narrow your life down to this moment. Your life situation may be full of problems, but find out if you have any problem at this moment. Not tomorrow or in 10 minutes, but now.

Do you have a problem now? Whenever you can, make some room; create some space, so that you find the life underneath your life situation. Use your senses fully. Be where you are. Look around. See the light, shapes, colours and textures. Listen to the sounds; don't judge them. Move deeply into the Now. You are leaving behind the deadening world of mental abstraction, of time. You are getting out of the insane mind that is draining you of life energy, just as it is slowly poisoning and destroying Earth. You are awakening out of the dream of time into the present.

Sub questions

Question Number : 76 Question Id : 1679437001 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The writer refers to life as:

Options :

✔ life situation

✘ life energy

✘ future life

✘ past life

Question Number : 77 Question Id : 1679437002 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

According to the writer, hope is not good because:

Options :

- ☐ it makes you focus on the future.
- ☐ you live happily with memories of the past.
- ☐ it makes you feel that there aren't any problems.
- ☒ you do not accept reality of the present.

Question Number : 78 Question Id : 1679437003 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

“Your life is real. Find the ‘narrow gate that leads to life’.” In these lines ‘narrow gate’ refers to _____.

Options :

- ☐ problems
- ☐ a different life
- ☐ time
- ☒ the present

Question Number : 79 Question Id : 1679437004 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

What will happen if you live in the ‘Now’?

Options :

- ☐ You will start dreaming of a great future.
- ☐ Your mind will be full of agitated thoughts.
- ☐ You will be distracted by many worries.
- ☒ You will awaken to the present situation.

Question Number : 80 Question Id : 1679437005 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following statements is INCORRECT?

Options :

- ☒ By living in the present you are surrounded by unhappiness and this shatters your world.
- ☐ Your energy level goes up when you think too much about the future.
- ☐ Life can improve tremendously by your consciousness of what is happening at this moment.
- ☐ You keep yourself away from the present when you dream of the future.

Group Number :	5
Group Id :	167943136
Group Maximum Duration :	0
Group Minimum Duration :	0
Revisit allowed for view? :	No
Revisit allowed for edit? :	No
Break time:	0
Group Marks:	20

	General Hindi
Section Id :	167943195
Section Number :	1
Section type :	Online
Mandatory or Optional:	Mandatory
Number of Questions:	16
Number of Questions to be attempted:	16
Section Marks:	20
Display Number Panel:	Yes
Group All Questions:	No

Sub-Section Number:	1
Sub-Section Id:	167943406
Question Shuffling Allowed :	Yes

Question Id : 1679437006 Question Type : COMPREHENSION Sub Question Shuffling Allowed : Yes Group Comprehension Questions : No
Question Numbers : (81 to 85)
Question Label : Comprehension

नीचे दिये गए गद्यांश को पढ़कर पूछे गये प्रश्नों के उत्तर दीजिए।

1918 से लेकर 1947 तक का समय राजनीतिक संघर्ष के अभूतपूर्व रूप में तीव्र होने का समय है। इस काल में हमारे राष्ट्रीय आंदोलन ने स्वतंत्रता का विदेशी आंदोलनों से भी संबंध जोड़ा। अधिकांश देशी रियासतों के शासकों को छोड़कर भारतीय जनता के सभी वर्गों का हित ब्रिटिश साम्राज्यवाद को खदेड़ देने में था, इसलिए वे सब स्वाधीनता आंदोलन में शामिल हुए। इसीलिए स्वाधीनता संग्राम में गुणात्मक परिवर्तन आया। ब्रिटिश साम्राज्यवाद ने उसी मात्रा में दमनचक्र भी तेज किया। 1919 में जलियांवाला बाग की घटना हुई। देश के औद्योगिक नगरों में हड़तालें होने लगीं। 1921 के आसपास उत्तर प्रदेश के पूर्वी जिलों में किसान आंदोलन तीव्र हुआ। इसी वर्ष सुदूर दक्षिण में मोपला विद्रोह हुआ। उधर पंजाब में भी सिख किसान आंदोलन की राह पकड़ रहे थे। 1925 में भारतीय कम्युनिस्ट पार्टी स्थापित हुई। कांग्रेस के समाजवादी दल का प्रादुर्भाव हुआ जिसके नेता जवाहरलाल नेहरू थे। 1929 में लाहौर अधिवेशन में जवाहरलाल नेहरू ने कांग्रेस के अध्यक्ष की हैसियत से पूर्ण स्वराज्य का लक्ष्य घोषित किया। भारतीय राजनीति में किसान- मजदूरों के संगठन पर बल देने वाला वामपंथ प्रभावशाली और मजबूत होता जा रहा था। 1942 में "भारत छोड़ो" आंदोलन, आजाद हिंद फौज का संघर्ष, 1946 में नौसेना-विद्रोह और विश्वयुद्ध के उपरांत समाजवादी शक्तियों का बढ़ता हुआ प्रभाव, इन सब के परिणामस्वरूप 1947 में भारत स्वाधीन हुआ।

Sub questions

Question Number : 81 Question Id : 1679437007 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

जलियांवाला बाग की घटना कब हुई?

Options :

✗ 1909

✓ 1919

✗ 1929

✖ 1939

Question Number : 82 Question Id : 1679437008 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

मोपला विद्रोह कहाँ हुआ?

Options :

✖ पूरब में

✖ पश्चिम में

✖ उत्तर में

✓ दक्षिण में

Question Number : 83 Question Id : 1679437009 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

स्वाधीनता संग्राम में कैसा परिवर्तन आया?

Options :

✖ धनात्मक

✖ ऋणात्मक

✓ गुणात्मक

✖ मात्रात्मक

Question Number : 84 Question Id : 1679437010 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

नौसेना विद्रोह कब हुआ?

Options :

✓ 1946

✖ 1942

✖ 1929

✖ 1925

Question Number : 85 Question Id : 1679437011 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

पूर्ण स्वराज का लक्ष्य घोषित हुआ:

Options :

✖ दिल्ली अधिवेशन में

✖ कलकत्ता अधिवेशन में

✓ लाहौर अधिवेशन में

✖ चंडीगढ़ अधिवेशन में

Sub-Section Number: 2
Sub-Section Id: 167943407
Question Shuffling Allowed : Yes

Question Number : 86 Question Id : 1679437012 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

निम्नलिखित में से तत्सम शब्द छाँटिए।

Options :

✖ आँसू

✖ आग

✖ उजाला

✓ अमूल्य

Question Number : 87 Question Id : 1679437013 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

निम्नलिखित में से तद्भव शब्द कौन सा है?

Options :

✓ ठंडा

✖ स्तब्ध

✖ स्थान

✖ दश

Question Number : 88 Question Id : 1679437014 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

‘अंतरिक्ष’ का अर्थ है:

Options :

✖ आकाश

✖ धरती

✓ धरती और आकाश के बीच का स्थान

✖ नक्षत्र

Question Number : 89 Question Id : 1679437015 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

‘स्वागत’ का संधि विच्छेद क्या होगा?

Options :

✖ स्व+गत

✖ स्वा+गत

✖ सु+गत

✓ सु+आगत

Question Number : 90 Question Id : 1679437016 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

‘प्रतिदिन’ में कौन सा समास है?

Options :

✖ तत्पुरुष

✓ अव्ययीभाव

✗ द्वंद्व

✗ दविगु

Question Number : 91 Question Id : 1679437017 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निम्नलिखित में कौन-सा शब्द संज्ञा है?

Options :

✗ यह

✗ वह

✓ घर

✗ आप

Question Number : 92 Question Id : 1679437018 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

निम्नलिखित में से कौन-सा शब्द पुलिङ्ग है?

Options :

✓ पत्र

✗ दया

✗ कृपा

✗ लज्जा

Question Number : 93 Question Id : 1679437019 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

‘बिजली चमकती है।’ कैसा वाक्य है?

Options :

✗ उपवाक्य

✓ सरल वाक्य

✖ मिश्र वाक्य

✖ संयुक्त वाक्य

Question Number : 94 Question Id : 1679437020 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

‘मैंने खाना नहीं खाया।’ वाक्य है:

Options :

✔ निषेधवाचक

✖ आज्ञावाचक

✖ प्रश्नवाचक

✖ संदेहवाचक

Question Number : 95 Question Id : 1679437021 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

‘श्रीकृष्ण के अनेकों नाम हैं।’ वाक्य में अशुद्ध अंश कौन सा है?

Options :

✖ श्रीकृष्ण

✖ के

✔ अनेकों

✖ नाम हैं।

Question Number : 96 Question Id : 1679437022 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

‘अग्नि’ का पर्यायवाची शब्द कौन सा है?

Options :

✖ पवन

✖ दनुज

✘ अनिल

✔ अनल

Question Number : 97 Question Id : 1679437023 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

‘तालाब’ का पर्यायवाची नहीं है:

Options :

✘ सरोवर

✔ अनुचर

✘ पुष्कर

✘ जलाशय

Question Number : 98 Question Id : 1679437024 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

‘सूर्य’ का पर्यायवाची है:

Options :

✔ प्रभाकर

✘ सुधाकर

✘ सुधाधर

✘ निशाकर

Question Number : 99 Question Id : 1679437025 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

‘अक्षम’ का विलोम शब्द क्या होगा?

Options :

✘ सुगम

✘ अगम

✓ सक्षम

✗ बल

Question Number : 100 Question Id : 1679437026 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

‘हास’ का विलोम शब्द क्या होगा?

Options :

✗ अवसान

✗ पतन

✗ निर्माण

✓ वृद्धि

Group Number :	6
Group Id :	167943137
Group Maximum Duration :	0
Group Minimum Duration :	0
Revisit allowed for view? :	No
Revisit allowed for edit? :	No
Break time:	0
Group Marks:	20

	Subject Related
Section Id :	167943196
Section Number :	1
Section type :	Online
Mandatory or Optional:	Mandatory
Number of Questions:	20
Number of Questions to be attempted:	20
Section Marks:	20
Display Number Panel:	Yes
Group All Questions:	No

Sub-Section Number:	1
Sub-Section Id:	167943408
Question Shuffling Allowed :	Yes

Question Number : 101 Question Id : 1679437027 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

When there is a decrease in the oxygen concentration in blood, the rate of breathing:

Options :

- ☐ Decreases
- ☒ Increases
- ☐ Does not change
- ☐ Increases or decreases depending on the density of blood

Question Number : 102 Question Id : 1679437028 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following properties can be used for predicting function of a protein?

Options :

- ☐ Overall charge of a molecule
- ☐ Number of amino acids
- ☒ Spatial conformation
- ☐ Molecular weight

Question Number : 103 Question Id : 1679437029 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

What is a genetic clone?

Options :

- ☒ A genetic composition
- ☐ A hybrid produced by sexual means
- ☐ A homozygous plant produced by sexual means
- ☐ A heterosexual plant produced by sexual means

Question Number : 104 Question Id : 1679437030 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which condition results in the “birth of fraternal twins”?

Options :

- ☐ When two sperms fertilise one ovum
- ☒ When two sperms fertilise two ovums simultaneously
- ☐ When one sperm fertilises the ovum and zygote divides into two separate cells developing independently
- ☐ When one sperm fertilises two ovums

Question Number : 105 Question Id : 1679437031 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

DNase is a type of:

Options :

- ☐ Ligase
- ☒ Hydrolase
- ☐ Lyase
- ☐ Isomerase

Question Number : 106 Question Id : 1679437032 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

What is the source of glucose for glycolysis in non-photosynthetic parts of plants?

Options :

- ☒ Sucrose
- ☐ Photosynthesis end product is glucose
- ☐ Glycogen
- ☐ Fructose

Question Number : 107 Question Id : 1679437033 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following does not determine Glomerular Filtration Rate (GFR)?

Options :

- ✘ Hydrostatic pressure in glomerular capillaries
- ✘ Hydrostatic pressure in the Bowman's space
- ✘ Osmotic force by plasma proteins in glomerular capillaries
- ✔ Osmotic force by plasma urea in glomerular capillaries

Question Number : 108 Question Id : 1679437034 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following is a secretion of Brunner's glands?

Options :

- ✘ Mucus with HCl
- ✘ Chyme with pH 7
- ✘ Secretin
- ✔ Urogastrone

Question Number : 109 Question Id : 1679437035 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

What is "meatus" in skeletal system?

Options :

- ✔ A tube-like opening
- ✘ A smooth, flat articular surface
- ✘ A shallow depression
- ✘ A sharp, slender projection

Question Number : 110 Question Id : 1679437036 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following would not result in increase in RBC production?

Options :

- ✘ High altitude

✘ Hemorrhage

✔ Donating blood to blood bank

✘ Polycythemia

Question Number : 111 Question Id : 1679437037 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following is NOT required for blood clotting?

Options :

✘ Thrombin

✘ Vitamin K

✘ Calcium

✔ Prostacyclin

Question Number : 112 Question Id : 1679437038 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

What is "haemoglobin bound to carbon dioxide" termed as?

Options :

✘ Carboxyhaemoglobin

✔ Carbaminohaemoglobin

✘ Deoxyhaemoglobin

✘ Carboxylatedhaemoglobin

Question Number : 113 Question Id : 1679437039 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

What happens during the physiological condition called "heartburn"?

Options :

✘ Inflammation of heart wall

✘ Damage to the serous layer of heart wall

- ✓ Irritation in the oesophagus mucosa due to HCl
- ✗ Irritation in heart wall due to highly acidic blood

Question Number : 114 Question Id : 1679437040 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following contraceptives also protects against STDs?

Options :

- ✓ Condom
- ✗ Spermicide
- ✗ Tubal ligation
- ✗ Progesterone pills

Question Number : 115 Question Id : 1679437041 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following is a condition where myosin heads are unable to detach from actin due to complete lack of ATP?

Options :

- ✗ Wave summation
- ✗ Muscle fatigue
- ✗ Muscle tone
- ✓ Rigor mortis

Question Number : 116 Question Id : 1679437042 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following is the most common degenerative joint disease in the elderly, often caused by wear and tear?

Options :

- ✗ Rheumatoid arthritis
- ✓ Osteoarthritis
- ✗ Gouty arthritis

✖ Rheumatism

Question Number : 117 Question Id : 1679437043 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following is not a cause of infertility in a couple?

Options :

✖ Sexual dysfunction

✖ Mental or psychological factors

✖ Environmental pollutants

✔ Infrared radiation

Question Number : 118 Question Id : 1679437044 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

During which of the following process contraceptives are not able to block conception?

Options :

✖ Fertilisation

✔ Implantation

✖ Transport of egg by oviduct

✖ Ovulation

Question Number : 119 Question Id : 1679437045 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following mammals undergo menopause?

Options :

✖ Short finned pilot whale

✖ Elephant

✖ Chimpanzee

✔ Monkey

Question Number : 120 Question Id : 1679437046 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

What is a herbarium?

Options :

- ☐ A collection of dried herbs
- ☐ A garden with varied collection of herbs
- ☐ A garden with a collection of medicinal herbs
- ☒ A centre for the preservation of dried specimen of plants

Subject Related	
Group Number :	7
Group Id :	167943138
Group Maximum Duration :	0
Group Minimum Duration :	0
Revisit allowed for view? :	No
Revisit allowed for edit? :	No
Break time:	0
Group Marks:	20

Subject Related	
Section Id :	167943197
Section Number :	1
Section type :	Online
Mandatory or Optional:	Mandatory
Number of Questions:	20
Number of Questions to be attempted:	20
Section Marks:	20
Display Number Panel:	Yes
Group All Questions:	No

Sub-Section Number:	1
Sub-Section Id:	167943409
Question Shuffling Allowed :	Yes

Question Number : 121 Question Id : 1679437047 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

The sustained but wavering contraction with partial relaxation between stimuli in a skeletal muscle is called:

Options :

- ✗ Muscle fatigue
- ✓ Unfused tetanus
- ✗ Wave summation
- ✗ Muscle tone

Question Number : 122 Question Id : 1679437048 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following plant fatty acids is used to synthesise "Omega 6" fats in animals?

Options :

- ✓ Linoleic acid
- ✗ Alpha-linolenic acid
- ✗ Oleic acid
- ✗ Palmitoleic acid

Question Number : 123 Question Id : 1679437049 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

What is the term given to signal the build-up due to simultaneous release of neurotransmitter by several presynaptic end bulbs in nervous tissue?

Options :

- ✓ Spatial summation
- ✗ Temporal summation
- ✗ Graded depolarising potential
- ✗ Graded hyperpolarising potential

Question Number : 124 Question Id : 1679437050 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following takes place under the influence of estradiol during embryonic development?

Options :

- ✗ Development of wolffian duct

- ✖ Development of seminal vesicle
- ✖ Development of external genitalia
- ✔ Masculinisation of brain

Question Number : 125 Question Id : 1679437051 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The mouth parts in insects are the examples of:

Options :

- ✔ Homologous organs
- ✖ Analogous organs
- ✖ Vestigial organs
- ✖ Atavism

Question Number : 126 Question Id : 1679437052 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

“Taxonomic keys” do not facilitate which one of the following activities?

Options :

- ✖ Plant identification
- ✖ Animal identification
- ✖ Fossil identification
- ✔ Evaluation phylogenetic history

Question Number : 127 Question Id : 1679437053 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following features make Ctenophores different from Cnidarians?

Options :

- ✖ Presence of nematocyst
- ✖ Absence of larval forms

✓ Absence of polymorphism

✗ Presence of mesoglea

Question Number : 128 Question Id : 1679437054 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

In skeletal muscle, the time period when a second action potential can be initiated with stronger stimulus is called as:

Options :

✓ Relative refractory period

✗ Incomplete refractory period

✗ Hyperpolarising phase

✗ Hyperdepolarising phase

Question Number : 129 Question Id : 1679437055 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

What is Galactopoiesis?

Options :

✗ Gathering of substrates for milk production in mammary glands

✗ Release of colostrum

✗ Release of milk independent of infant suckling

✓ Establishment of mature milk supply

Question Number : 130 Question Id : 1679437056 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following features is found in males with extra Y chromosome?

Options :

✗ Delayed puberty

✓ Normal testosterone levels

✗ Elevated testosterone levels

✖ Oligospermia

Question Number : 131 Question Id : 1679437057 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The large intestine is characterised by which of the following features?

Options :

✖ Well-developed plicae circulares

✔ Presence of taeniae coli

✖ Numerous villi

✖ Less number of goblet cells

Question Number : 132 Question Id : 1679437058 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following is not a criteria of five kingdom classification as proposed by Whittaker?

Options :

✖ Cell structure

✖ Body organisation

✖ Mode of nutrition

✔ Mode of locomotion

Question Number : 133 Question Id : 1679437059 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

In humans, the presence of more than one pair of mammary glands is called as:

Options :

✔ Polythelia

✖ Gynecomastia

✖ Thelarche

✖ Polycythemia

Question Number : 134 Question Id : 1679437060 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

Which of the following physiological changes is not associated with pregnancy in human females?

Options :

- ☐ Increase in cardiac output
- ☐ Increase in respiratory rate
- ☐ Kidney enlargement
- ☒ Decrease in blood volume

Question Number : 135 Question Id : 1679437061 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

What are Nissl bodies?

Options :

- ☐ Macrophages of CNS
- ☐ Cells surrounding CSF-filled ventricles in brain
- ☒ Site of protein synthesis in neurons
- ☐ Most abundant cell types in CNS

Question Number : 136 Question Id : 1679437062 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

If the plasma glucose concentration is 90mg/100ml and GFR is 120ml/min, how much glucose will be filtered and excreted out, respectively, per minute?

Options :

- ☒ 108 mg/min, almost zero mg
- ☐ 98 mg/min, 49 mg/min
- ☐ 90 mg/min, 25mg/min
- ☐ 120 mg/min, almost zero mg

Question Number : 137 Question Id : 1679437063 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

What is the full form of IUCN?

Options :

- ☐ International unit for conservation of nature
- ☐ International union for conservation of natural resources
- ☐ Indian union for conservation of nature
- ☒ International Union for Conservation of Nature and natural resources

Question Number : 138 Question Id : 1679437064 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Our body can acclimatise to high altitude by virtue of which of the following changes?

Options :

- ☐ Decreasing hematocrit
- ☐ Increasing the blood volume
- ☒ Increasing BPG concentration
- ☐ Decreasing BPG concentration

Question Number : 139 Question Id : 1679437065 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following chemical reactions is not responsible for the generation of smog?

Options :

- ☐ Sunlight
- ☐ Nitrogen oxides
- ☐ Carbon monoxide
- ☒ Chlorofluorocarbons

Question Number : 140 Question Id : 1679437066 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following contributes to high biodiversity in tropics?

Options :

- ✔ More stable climate
- ✘ Higher rate of inbreeding among plants
- ✘ Less pressure from pest, parasites and diseases
- ✘ Less competition for available resources

	Subject Related
Group Number :	8
Group Id :	167943139
Group Maximum Duration :	0
Group Minimum Duration :	0
Revisit allowed for view? :	No
Revisit allowed for edit? :	No
Break time:	0
Group Marks:	20

	Subject Related
Section Id :	167943198
Section Number :	1
Section type :	Online
Mandatory or Optional:	Mandatory
Number of Questions:	20
Number of Questions to be attempted:	20
Section Marks:	20
Display Number Panel:	Yes
Group All Questions:	No

Sub-Section Number:	1
Sub-Section Id:	167943410
Question Shuffling Allowed :	Yes

Question Number : 141 Question Id : 1679437067 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

Which of the following is not a diagnostic criterion for Polycystic ovary syndrome (PCOS)?

- Options :
- ✘ Hyperandrogenemia
 - ✘ Chronic anovulation

✘ Presence of polycystic ovary

✔ Oligomenorrhea

Question Number : 142 Question Id : 1679437068 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following pollutants has direct effect on reproductive health?

Options :

✔ Lead

✘ Chlorofluorocarbons

✘ Nitrogen oxide

✘ Chlorine

Question Number : 143 Question Id : 1679437069 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

What is "pneumothorax"?

Options :

✘ Bacterial infection of lungs

✔ Collapsed lungs

✘ Viral infection in lungs

✘ Thoracic inflammation

Question Number : 144 Question Id : 1679437070 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Who coined the term Biodiversity hotspot?

Options :

✔ Norman Myers

✘ Ernest Meyer

✘ Ronald Good

✘ W. G. Rosen

Question Number : 145 Question Id : 1679437071 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following is true for Lotka-Volterra equation?

Options :

✘ It is same as Logistic equation

✔ It is the Logistic equation expressing interspecific competition

✘ It is the Logistic equation expressing intraspecific competition

✘ It is altogether different from Logistic equation

Question Number : 146 Question Id : 1679437072 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Chaparral biome is located in which of the following climates?

Options :

✘ Tropical

✘ Temperate

✔ Mediterranean

✘ Tundra

Question Number : 147 Question Id : 1679437073 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following is an asexual but not vegetative mode of reproduction in fungi?

Options :

✘ Fission

✔ Spores

✘ Budding

✘ Fragmentation

Question Number : 148 Question Id : 1679437074 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The rate of enzyme catalyzed reaction is not dependent on which of the following?

Options :

- ☐ Temperature
- ☐ Substrate concentration
- ☒ Product concentration
- ☐ Enzyme concentration

Question Number : 149 Question Id : 1679437075 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Acetyl CoA is formed during catabolism of all EXCEPT which one of the following?

Options :

- ☐ Carbohydrates
- ☐ Fats
- ☐ Proteins
- ☒ Nucleic acid

Question Number : 150 Question Id : 1679437076 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following features are characteristics of Kingdom Monera?

Options :

- ☒ Prokaryotes, unicellular, with or without a cell wall
- ☐ Unicellular, with cell wall
- ☐ Prokaryote, unicellular, with a cell wall
- ☐ Prokaryote, unicellular, without a cell wall

Question Number : 151 Question Id : 1679437077 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Bilateral true coelomates, with worm-like body divided into proboscis, collar and trunk are characteristic features of which of the following phylums?

Options :

- ☐ Chordata
- ☐ Annelida
- ☐ Aschelhelminthes
- ☒ Hemichordata

Question Number : 152 Question Id : 1679437078 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following is not present in the cell wall of algae?

Options :

- ☒ Mannitol
- ☐ Algin
- ☐ Pectin
- ☐ Cellulose

Question Number : 153 Question Id : 1679437079 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The group of species that make their living by exploiting the same class of resources in a similar way is called:

Options :

- ☐ Shredders
- ☒ Guild
- ☐ Resprout species
- ☐ Sibling species

Question Number : 154 Question Id : 1679437080 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

“Zona pellucida” is dissolved just before which one of the following events?

Options :

- ☐ Fertilisation
- ☒ Implantation
- ☐ Beginning of cleavage
- ☐ Morula formation

Question Number : 155 Question Id : 1679437081 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Aminotransferases and chymotrypsin enzymes are examples of which type of reaction?

Options :

- ☒ Ping-pong reaction
- ☐ Sequential bi-substrate reaction
- ☐ Random bi-substrate reaction
- ☐ Oxidation reduction reaction

Question Number : 156 Question Id : 1679437082 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following reactions is catalysed by enzymes Oxygenases?

Options :

- ☐ Removal of oxygen from substrate
- ☒ Hydroxylation of drugs and steroids
- ☐ Transfer of hydrogen from one substrate to another
- ☐ Transport of electrons from substrate to oxygen

Question Number : 157 Question Id : 1679437083 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following genus does not show metamerism?

Options :

- ☐ Nereis

✘ Penaeus

✔ Asterias

✘ Labeo

Question Number : 158 Question Id : 1679437084 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following plants have haplo-diplontic life cycle?

Options :

✔ Laminaria

✘ Fucus

✘ Pinus

✘ Volvox

Question Number : 159 Question Id : 1679437085 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

What happens to the enzyme activity with a gradual rise in temperature?

Options :

✘ Increases

✘ Decreases

✔ First increases then decreases

✘ First decreases then increases

Question Number : 160 Question Id : 1679437086 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following is/are not considered as a part of “five kingdom classification” defined by Whittaker?

Options :

✔ Lichens

✘ Mycoplasma

✘ Amphibious plants

✖ Cyanobacteria

Subject Related

Group Number :	9
Group Id :	167943140
Group Maximum Duration :	0
Group Minimum Duration :	0
Revisit allowed for view? :	No
Revisit allowed for edit? :	No
Break time:	0
Group Marks:	20

Subject Related

Section Id :	167943199
Section Number :	1
Section type :	Online
Mandatory or Optional:	Mandatory
Number of Questions:	20
Number of Questions to be attempted:	20
Section Marks:	20
Display Number Panel:	Yes
Group All Questions:	No

Sub-Section Number:	1
Sub-Section Id:	167943411
Question Shuffling Allowed :	Yes

Question Number : 161 Question Id : 1679437087 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

Who gave natural classification system of plants based on plant anatomy, ultrastructure & embryology?

Options :

✖ Carl Wilhelm Scheele

✔ G. Bentham and J.D. Hooker

✖ Carl von Linnaeus

✖ Whittakar

Question Number : 162 Question Id : 1679437088 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

“Agar” is obtained from which of the following?

Options :

- ☒ Gelidium
- ☐ Laminaria
- ☐ Saraggasum
- ☐ Fucus

Question Number : 163 Question Id : 1679437089 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following is not a reason for change in enzyme activity of biological enzymes with moderate (pH 5-9) change in the pH value?

Options :

- ☐ Change in substrate binding
- ☐ Change in charged state of weakly acidic/basic groups
- ☐ Change in conformation of catalytic site
- ☒ Loss of secondary structure

Question Number : 164 Question Id : 1679437090 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following epithelial tissue lines the Bowmen’s capsule of kidney?

Options :

- ☐ Simple cuboidal
- ☒ Simple squamous
- ☐ Ciliated simple columnar
- ☐ Stratified columnar

Question Number : 165 Question Id : 1679437091 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following enzymes are activated in cell death by apoptosis?

Options :

✗ Phosphodiesterases

✗ Protein kinases

✓ Caspases

✗ Phosphatases

Question Number : 166 Question Id : 1679437092 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The DNA damage checkpoint works at which of the following stages of a cell cycle?

Options :

✗ G1 and S

✗ S and G2

✗ Only S

✓ G1, S and G2

Question Number : 167 Question Id : 1679437093 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

An individual can have how many different alleles for a gene?

Options :

✗ Many

✓ Only 2

✗ More than 4

✗ Only one

Question Number : 168 Question Id : 1679437094 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following is a sex influenced trait?

Options :

✗ Albinism

✖ Achondroplasia

✖ Hemophilia

✔ Baldness

Question Number : 169 Question Id : 1679437095 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

What is the term given to a chromosomal aberration where a segment of chromosome turned around 180° within a chromosome including centromere?

Options :

✖ Paracentric inversion

✔ Pericentric inversion

✖ Diacentric inversion

✖ Acentric inversion

Question Number : 170 Question Id : 1679437096 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following is a multiple fruit?

Options :

✔ Pineapple

✖ Apple

✖ Mango

✖ Tomato

Question Number : 171 Question Id : 1679437097 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

In which part of a leguminous plant, leghemoglobin is present?

Options :

✔ Root nodules

✖ Leaves

✖ Stem

✖ Root hairs

Question Number : 172 Question Id : 1679437098 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

In a Hardy Weinberg population, what will be frequency of individual with genotype “AA” if frequency of allele “a” is 0.3?

Options :

✖ 0.20

✖ 0.32

✔ 0.49

✖ 0.81

Question Number : 173 Question Id : 1679437099 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following is the first carboxylation product of C_3 plants?

Options :

✔ 3-phosphoglyceric acid

✖ Maleic acid

✖ Phosphoglyceraldehyde

✖ Oxaloacetic acid

Question Number : 174 Question Id : 1679437100 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following is primarily an embryonic connective tissue?

Options :

✖ Reticular

✔ Mesenchyme

✖ Areolar

✖ Adipose

Question Number : 175 Question Id : 1679437101 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following is a process where either of the parental chromosome is modified by methylation to affect its phenotypic expression?

Options :

✖ Uniparental disomy

✔ Genomic imprinting

✖ Sex linked inheritance

✖ Autosomal inheritance

Question Number : 176 Question Id : 1679437102 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

What will be the type of mutation if "U" is replaced with "G" at 9th position in the sequence AUGAAGUUUGGC?

Options :

✖ Transition mutation

✔ Transversion mutation

✖ Frameshift mutation

✖ Inversion

Question Number : 177 Question Id : 1679437103 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following is not an X-linked disorder?

Options :

✖ Red-green color blindness

✖ G6PD deficiency

✖ Hemophilia

✔ Achondroplasia

Question Number : 178 Question Id : 1679437104 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following statement is true for temperature dependent sex determination in all species of reptiles?

Options :

- ☐ High temperature yield females
- ☐ High temperature results in males
- ☐ Both low and high yield males
- ☒ There is narrow temperature range resulting in both male and female

Question Number : 179 Question Id : 1679437105 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The rate of transpiration will be maximum in which of the following conditions?

Options :

- ☐ Soil is wet and atmosphere is humid
- ☒ Soil is wet and atmosphere is dry
- ☐ Soil is dry and atmosphere is humid
- ☐ Both soil and atmosphere are dry

Question Number : 180 Question Id : 1679437106 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

What is the most apparent change traced during evolutionary history of *Homo sapiens*?

Options :

- ☐ Loss of body hair
- ☐ Walking upright
- ☐ Shortening of jaws
- ☒ Remarkable increase in the brain size

Subject Related	
Group Number :	10
Group Id :	167943141
Group Maximum Duration :	0
Group Minimum Duration :	0
Revisit allowed for view? :	No
Revisit allowed for edit? :	No
Break time:	0
Group Marks:	20

Subject Related	
Section Id :	167943200
Section Number :	1
Section type :	Online
Mandatory or Optional:	Mandatory
Number of Questions:	20
Number of Questions to be attempted:	20
Section Marks:	20
Display Number Panel:	Yes
Group All Questions:	No

Sub-Section Number:	1
Sub-Section Id:	167943412
Question Shuffling Allowed :	Yes

Question Number : 181 Question Id : 1679437107 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

Which of the following cell junction are present at intercalated discs?

Options :

- ☐ Tight and Gap junctions
- ☐ Adhering and Gap junctions
- ☐ Desmosomes
- ☒ Desmosomes, Adhering and Gap junctions

Question Number : 182 Question Id : 1679437108 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

Which of the following statement is incorrect related to nervous system of earthworm?

Options :

- ☐ Nerve cord is paired and present ventrally

- ✖ Nerve cord bifurcates at the anterior region
- ✔ Ganglia are located at the interface of two body segments
- ✖ Anterior nerve ring includes cerebral ganglion

Question Number : 183 Question Id : 1679437109 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

What is the reason of development of root pressure in plants?

Options :

- ✔ Active absorption
- ✖ Increased rate of transpiration
- ✖ Passive absorption
- ✖ Both active and passive absorption

Question Number : 184 Question Id : 1679437110 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following events inhibits Cdk1 activity?

Options :

- ✖ Phosphorylation at Thr-161
- ✔ Phosphorylation at Tyr14 and Tyr 15
- ✖ Dephosphorylation at Tyr14 and Tyr15
- ✖ Association with cyclin

Question Number : 185 Question Id : 1679437111 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Decrease in which of the following factors is the result of Deforestation?

Options :

- ✖ Land slide
- ✖ Soil erosion

✖ Soil fertility

✔ Rainfall

Question Number : 186 Question Id : 1679437112 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Excess of which of the following hormones results in leave abscission in plants?

Options :

✔ Abscissic acid

✖ Gibberelic acid

✖ Auxin

✖ Cytokinin

Question Number : 187 Question Id : 1679437113 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which experimental model were used by Boveri and Sutton to give chromosome theory of inheritance?

Options :

✔ Sea urchin and grasshopper respectively

✖ Grasshopper and sea urchin respectively

✖ Sea urchin

✖ Grasshopper

Question Number : 188 Question Id : 1679437114 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

How many genetically different gametes are possible by an individual of genotype CcWwRr?

Options :

✔ 8

✖ 64

✖ 16

✖ 36

Question Number : 189 Question Id : 1679437115 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following plants show Kranz anatomy?

Options :

✖ Saprophytic plants

✖ C₃ plants

✔ C₄ plants

✖ Algae

Question Number : 190 Question Id : 1679437116 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

What is the phenotypic ratio for the progeny of dihybrid cross with recessive epistasis?

Options :

✖ 12 : 3 : 1

✖ 9 : 3 : 3 : 1

✔ 9 : 3 : 4

✖ 9 : 6 : 1

Question Number : 191 Question Id : 1679437117 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

“Apospory” can be observed in which of the following plants?

Options :

✔ Pteridophytes

✖ Algae

✖ Gymnosperms

✖ Angiosperms

Question Number : 192 Question Id : 1679437118 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Coir is extracted from which part of the coconut plant?

Options :

☐ Phloem

☐ Roots

☒ Mesocarp

☐ Epicarp

Question Number : 193 Question Id : 1679437119 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following was first Bt crop in India?

Options :

☒ Cotton

☐ Potato

☐ Tomato

☐ Corn

Question Number : 194 Question Id : 1679437120 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

What is the end product of glycolysis in RBC?

Options :

☐ 3-phosphoglycerate

☐ Acetyl CoA

☒ Lactic acid

☐ Pyruvic acid

Question Number : 195 Question Id : 1679437121 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

What is the function of phenol in genomic DNA isolation technique?

Options :

- ☐ to dissolve DNA
- ☒ to extract hydrophobic proteins
- ☐ to dissolve RNA
- ☐ to make a visible gradient

Question Number : 196 Question Id : 1679437122 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

How many types of sperms ($2n=46$) can be produced by a human male?

Options :

- ☒ 2^{23}
- ☐ 2^{46}
- ☐ 2^{22}
- ☐ 2^8

Question Number : 197 Question Id : 1679437123 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following scientist proved that oxygen is released in photosynthesis during light reaction?

Options :

- ☐ Daniel I. Arnon
- ☒ Robert Hill
- ☐ Robert Emerson
- ☐ Black Man

Question Number : 198 Question Id : 1679437124 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

At which of the following cell cycle stage cohesion-complex is established in the nucleus?

Options :

- ☒ S phase

- ☐ M phase
- ☐ M and G1 phase
- ☐ G1 phase

Question Number : 199 Question Id : 1679437125 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

What is the probability that a plant with genotype PpWw will be produced by parental plants of genotypes PpWw and Ppww?

Options :

☒ 1/4

☐ 1/2

☐ 3/4

☐ 1/3

Question Number : 200 Question Id : 1679437126 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following genetically modified vectors was used for transfer of adenosine deaminase gene to SCID patients initially?

Options :

☐ Adenovirus

☒ Retrovirus

☐ Aeno-associated virus

☐ Herpes virus

Subject Related

Group Number :	11
Group Id :	167943142
Group Maximum Duration :	0
Group Minimum Duration :	0
Revisit allowed for view? :	No
Revisit allowed for edit? :	No
Break time:	0

Group Marks:

20

Subject Related

Section Id :	167943201
Section Number :	1
Section type :	Online
Mandatory or Optional:	Mandatory
Number of Questions:	20
Number of Questions to be attempted:	20
Section Marks:	20
Display Number Panel:	Yes
Group All Questions:	No

Sub-Section Number:	1
Sub-Section Id:	167943413
Question Shuffling Allowed :	Yes

Question Number : 201 Question Id : 1679437127 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

Which of the following plasmid vector is used mostly in genetic engineering?

- Options :
- ☒ pBR322
 - ☐ ColE1
 - ☐ pSC101
 - ☐ plasmid

Question Number : 202 Question Id : 1679437128 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

Which of the following growth patterns indicates resource limitation?

- Options :
- ☐ Geometric
 - ☐ Exponential
 - ☒ Logistic
 - ☐ Logarithmic

Question Number : 203 Question Id : 1679437129 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

What will be the potential phenotypes in the offspring of parents of blood group A and A?

Options :

✗ $\frac{3}{4}$ B and $\frac{1}{4}$ O

✓ $\frac{3}{4}$ A and $\frac{1}{4}$ O

✗ $\frac{1}{2}$ A and $\frac{1}{2}$ O

✗ $\frac{1}{4}$ A, $\frac{1}{2}$ B and $\frac{1}{4}$ O

Question Number : 204 Question Id : 1679437130 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

During cytokinesis in plants, cell plate is formed by which of the following organelle?

Options :

✓ Golgi complex

✗ SER

✗ RER

✗ Vacuoles

Question Number : 205 Question Id : 1679437131 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Most of the transgenic studies have been performed on which of the following animal models?

Options :

✗ Rodents

✓ Mice

✗ Pig

✗ Sheep

Question Number : 206 Question Id : 1679437132 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

In a Hardy Weinberg population, frequency of a gene is NOT influenced by which of the following factors?

Options :

- ☐ Natural selection
- ☐ Genetic recombination
- ☐ Mutation
- ☒ Natural death

Question Number : 207 Question Id : 1679437133 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

In which of the following species crossing over is observed in mitosis also?

Options :

- ☒ Drosophila
- ☐ Zebra fish
- ☐ Agaricus
- ☐ Fucus

Question Number : 208 Question Id : 1679437134 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

What is the sedimentation coefficient of rRNA present in 30 S ribosomal subunit?

Options :

- ☐ 18 S
- ☒ 16 S
- ☐ 5.8 S
- ☐ 5 S

Question Number : 209 Question Id : 1679437135 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

A protein containing 400 amino acids will require a gene for at least how many base pair long for its synthesis?

Options :

- ☐ 1000

✓ 1200

✗ 1300

✗ 1500

Question Number : 210 Question Id : 1679437136 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following enzymes DOES NOT have a proof reading ability during DNA replication?

Options :

✗ DNA polymerase I

✗ DNA polymerase II

✗ Polymerase epsilon

✓ Polymerase alpha

Question Number : 211 Question Id : 1679437137 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following is an exception to the Central Dogma of molecular biology?

Options :

✗ Virus

✗ Bacteria

✓ Retrovirus

✗ Archaeobacteria

Question Number : 212 Question Id : 1679437138 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following antibodies is primarily synthesized during allergy?

Options :

✗ IgG

✗ IgM

✓ IgE

✗ IgD

Question Number : 213 Question Id : 1679437139 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following honey bee products is known to increase the performance of athletes?

Options :

✗ Honey

✓ Bee pollen

✗ Bee venom

✗ Royal jelly

Question Number : 214 Question Id : 1679437140 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

What is the transfer of pollen grains from the anther to the stigma of another flower of the same plant called?

Options :

✗ Autogamy

✗ Xenogamy

✓ Geitonogamy

✗ Cleistogamy

Question Number : 215 Question Id : 1679437141 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

How many linkage groups are present in *Drosophila melanogaster*?

Options :

✗ 8

✓ 4

✗ 3

✖ 6

Question Number : 216 Question Id : 1679437142 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Who wrote "The Families of Flowering Plants"?

Options :

✖ Braun

✖ Black Man

✔ John Hutchinson

✖ Bentham

Question Number : 217 Question Id : 1679437143 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following is surrounded by Accessory cells?

Options :

✖ Stomata

✔ Guard cells

✖ Xylem

✖ Phloem

Question Number : 218 Question Id : 1679437144 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Where does the Hardy Weinberg Equilibrium exist in nature?

Options :

✖ Tropical zone

✖ Temperate zone

✖ Polar regions

✔ Nowhere

Question Number : 219 Question Id : 1679437145 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

Which of the following techniques can be used to visualize dosage compensation in *Drosophila*?

Options :

- ☐ Gel electrophoresis
- ☐ Chromosome banding
- ☐ 3H labelled DNA
- ☒ Autoradiography

Question Number : 220 Question Id : 1679437146 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

What is a cross between a recessive parent and offspring called?

Options :

- ☐ Back cross
- ☒ Test cross
- ☐ Reciprocal cross
- ☐ Monohybrid cross

Subject Related	
Group Number :	12
Group Id :	167943143
Group Maximum Duration :	0
Group Minimum Duration :	0
Revisit allowed for view? :	No
Revisit allowed for edit? :	No
Break time:	0
Group Marks:	20

Subject Related	
Section Id :	167943202
Section Number :	1
Section type :	Online
Mandatory or Optional:	Mandatory
Number of Questions:	20
Number of Questions to be attempted:	20

Section Marks: 20
Display Number Panel: Yes
Group All Questions: No

Sub-Section Number: 1
Sub-Section Id: 167943414
Question Shuffling Allowed : Yes

Question Number : 221 Question Id : 1679437147 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

What is the optimum temperature for *Taq polymerase* activity?

Options :

✘ 92 °C

✘ 55 °C

✔ 72 °C

✘ 45 °C

Question Number : 222 Question Id : 1679437148 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following mineral is required by plants in greatest amount?

Options :

✘ Molybdenum

✔ Nitrogen

✘ Iron

✘ Magnesium

Question Number : 223 Question Id : 1679437149 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Discrete, un-encapsulated aggregate of lymphatic nodules are present in mucosal layer of which of the following organs?

Options :

✔ Appendix

- ✖ Ovary
- ✖ Stomach
- ✖ Kidney

Question Number : 224 Question Id : 1679437150 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

In which of the following the enzyme reverse transcriptase is used?

Options :

- ✖ Northern blotting
- ✖ For identifying a gene from cDNA library
- ✔ For creating cDNA library
- ✖ PCR

Question Number : 225 Question Id : 1679437151 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

At least how many epitopes an antigen must have in a Sandwich ELISA?

Options :

- ✔ Two
- ✖ One
- ✖ More than five
- ✖ Not required

Question Number : 226 Question Id : 1679437152 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Skin color in humans is an example of which of the following inheritance?

Options :

- ✖ Incomplete dominance
- ✖ Co-dominance

☒ Polygenic

☐ Epistasis

Question Number : 227 Question Id : 1679437153 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following is not a radioactive isotope extensively used in molecular techniques?

Options :

☒ ^{15}N

☐ ^3H

☐ ^{32}P

☐ ^{14}C

Question Number : 228 Question Id : 1679437154 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following results in appearance of brown spots surrounded by chlorotic veins in plants?

Options :

☒ Manganese excess

☐ Deficiency of Zinc

☐ Deficiency of Manganese

☐ Molybdenum excess

Question Number : 229 Question Id : 1679437155 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following transgenic animal is used for producing a variant of human tissue plasminogen activator?

Options :

☐ Pig

☐ Rodent

☐ Sheep

✓ Goat

Question Number : 230 Question Id : 1679437156 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which day is designated as international day of Biological Diversity?

Options :

✓ May 22

✗ May 01

✗ March 21

✗ June 05

Question Number : 231 Question Id : 1679437157 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following is NOT an example of Adaptive radiation?

Options :

✗ Darwin's finches

✗ Australian marsupials

✗ Cichlid fish in the river of East African Rift

✓ Human evolution

Question Number : 232 Question Id : 1679437158 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following experimental model is best suited to study natural selection through mutation?

Options :

✗ Humans

✓ Microbes

✗ Algae

✗ Mice

Question Number : 233 Question Id : 1679437159 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

“Widal test” is a serological test based on which of the following techniques?

Options :

✗ Biochemical

✓ Antigen-antibody interaction

✗ PCR

✗ Cell culture

Question Number : 234 Question Id : 1679437160 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following radiation is not used in cancer treatment?

Options :

✓ X-ray

✗ Gamma radiation

✗ UV radiation

✗ Charged particles

Note: For this question, discrepancy is found in question/answer. So, this question is ignored for all candidates.

Question Number : 235 Question Id : 1679437161 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

What is the term given to a small molecule which can bind to a preformed antibody but fails to stimulate B cells?

Options :

✗ Antigen

✓ Hapten

✗ Bacterial toxin

✗ Capsid

Question Number : 236 Question Id : 1679437162 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following drugs is a modification of fungal product?

Options :

✓ Lysergic acid diethyl amide (LSD)

✗ Smack

✗ Charas

✗ Crack

Question Number : 237 Question Id : 1679437163 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

What is the term given to the effect of high atmospheric CO₂ which results in increased rate of photosynthesis?

Options :

✗ Green-house effect

✗ Climate change

✓ CO₂ fertilization effect

✗ CO₂ compensation effect

Question Number : 238 Question Id : 1679437164 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following plants has been extensively used for production of edible vaccine?

Options :

✓ Potato

✗ Tomato

✗ Banana

✗ Lettuce

Question Number : 239 Question Id : 1679437165 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following dairy cattle cross-breed is widely used in hilly regions of India?

Options :

☒ Holstein-Friesian (HF)

☐ Jersey

☐ Red Dane

☐ Sahiwal

Question Number : 240 Question Id : 1679437166 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following micronutrient is deficient in plants showing symptoms of necrosis, chlorosis and inhibition of cell division?

Options :

☐ S

☐ N

☐ Mo

☒ K

Group Number :	13
Group Id :	167943144
Group Maximum Duration :	0
Group Minimum Duration :	0
Revisit allowed for view? :	No
Revisit allowed for edit? :	No
Break time:	0
Group Marks:	20

Subject Related

Section Id :	167943203
Section Number :	1
Section type :	Online
Mandatory or Optional:	Mandatory
Number of Questions:	20
Number of Questions to be attempted:	20
Section Marks:	20
Display Number Panel:	Yes
Group All Questions:	No

Sub-Section Number: 1
Sub-Section Id: 167943415
Question Shuffling Allowed : Yes

Question Number : 241 Question Id : 1679437167 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following is an inducer of *lac* operon?

Options :

☐ Lactose

☒ Allolactose

☐ Glucose

☐ Galactose

Question Number : 242 Question Id : 1679437168 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following is a pentameric antibody?

Options :

☐ IgA

☐ IgE

☒ IgM

☐ IgG

Question Number : 243 Question Id : 1679437169 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The cellular respiratory pathway is categorized as which type of following metabolic pathways?

Options :

☐ Anabolic

☐ Catabolic

☒ Amphibolic

☐ Black Man pathway

Question Number : 244 Question Id : 1679437170 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following is national aquatic animal of India?

Options :

- ☒ River Dolphin
- ☐ Tortoise
- ☐ Turtle
- ☐ A type of Fish

Question Number : 245 Question Id : 1679437171 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

What is the function of stilt roots?

Options :

- ☐ Storage of food
- ☐ Storage of food and water
- ☒ Provide support to plant
- ☐ Get oxygen for plant

Question Number : 246 Question Id : 1679437172 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Hyper-accumulator plant species can be used for which of the following process?

Options :

- ☐ Bioremediation
- ☒ Phytoremediation
- ☐ Biofortification
- ☐ Bio-fertilizers

Question Number : 247 Question Id : 1679437173 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

What would be the Respiratory Quotient if pure proteins are used as respiratory substrates?

Options :

- ✗ 1
- ✗ 0.7
- ✓ 0.9
- ✗ 0.6

Question Number : 248 Question Id : 1679437174 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

What is the term given to the arrangement of leaves in a plant stem?

Options :

- ✓ Phyllotaxy
- ✗ Inflorescence
- ✗ Origami
- ✗ Phylloclade

Question Number : 249 Question Id : 1679437175 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

Which of the following pair is incorrect modification of plant parts?

Options :

- ✗ Flower-shoot modification
- ✗ Prop-root modification
- ✗ Thorne-Axillary buds
- ✓ *Colocasia*-modified root

Question Number : 250 Question Id : 1679437176 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

HIV cannot spread through which of the following ways from an infected mother to her child?

Options :

✘ Pregnancy

✘ Delivery

✔ Sharing meal

✘ Breast feeding

Question Number : 251 Question Id : 1679437177 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Along with *Lactobacillus* which of the following micro-organism is used to make yogurt?

Options :

✔ *S. thermophilus*

✘ *S. acidophilus*

✘ *S. cerevisiae*

✘ *P. sharmanii*

Question Number : 252 Question Id : 1679437178 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following antibiotics inhibit cell wall synthesis?

Options :

✔ Penicillins

✘ Aminoglycosides

✘ Chloramphenicols

✘ Nitrofurans

Question Number : 253 Question Id : 1679437179 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

“Cyathium inflorescence” is characteristic of which of the following genus?

Options :

✘ *Hibiscus*

✘ *Brassica*

✘ *Citrus*

✔ *Euphorbia*

Question Number : 254 Question Id : 1679437180 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following molecular technique is used extensively for preparing a karyotype?

Options :

✘ GISH

✔ FISH

✘ ELISA

✘ PCR

Question Number : 255 Question Id : 1679437181 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Avian flu virus CANNOT spread through which of the following medium?

Options :

✘ Saliva

✘ Nasal secretion

✔ Air

✘ Feces

Question Number : 256 Question Id : 1679437182 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

In animal breeding, what is the outcome of continuous and closed inbreeding of animals?

Options :

✔ Reduced fertility

✘ Increased fertility

- ✘ Increased productivity
- ✘ Increased heterozygosity

Question Number : 257 Question Id : 1679437183 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

“Cyclosporin A” is an immunosuppressive agent, used in organ transplant patients produced by which of the following organisms?

Options :

- ✘ Bacteria
- ✔ Fungus
- ✘ Algae
- ✘ Transgenic animals

Question Number : 258 Question Id : 1679437184 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

In which of the following parts of xylem lignin is absent from the cell wall?

Options :

- ✘ Tracheids
- ✘ Vessels
- ✘ Xylem fibers
- ✔ Xylem parenchyma

Question Number : 259 Question Id : 1679437185 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Who is the Father of Ecology in India?

Options :

- ✘ G. N. Ramachandran
- ✔ Ramdeo Misra

✖ Panchanan Maheshwari

✖ Alexander V. Humboldt

Question Number : 260 Question Id : 1679437186 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

“The Neel Kranti mission” is related to which of the following?

Options :

✖ Water purification

✔ Fish and fisheries

✖ Plants and plant products

✖ Ozone replenishment

Group Number :	14
Group Id :	167943145
Group Maximum Duration :	0
Group Minimum Duration :	0
Revisit allowed for view? :	No
Revisit allowed for edit? :	No
Break time:	0
Group Marks:	20

	Subject Related
Section Id :	167943204
Section Number :	1
Section type :	Online
Mandatory or Optional:	Mandatory
Number of Questions:	20
Number of Questions to be attempted:	20
Section Marks:	20
Display Number Panel:	Yes
Group All Questions:	No

Sub-Section Number:	1
Sub-Section Id:	167943416
Question Shuffling Allowed :	Yes

Question Number : 261 Question Id : 1679437187 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

How many layers are present in a Tropical Rainforest?

Options :

- ☐ 3
- ☐ 5
- ☒ 4
- ☐ More than 5

Question Number : 262 Question Id : 1679437188 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

“Desert Lizard keep their body temperature fairly constant” this is an example of which type of following adaptations?

Options :

- ☐ Physiological
- ☐ Structural
- ☒ Behavioral
- ☐ Reproductive

Question Number : 263 Question Id : 1679437189 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The saprophytes are placed at which tropic level in an ecological pyramid of biomass?

Options :

- ☒ Nowhere
- ☐ Primary producer
- ☐ Primary consumer
- ☐ Secondary consumer

Question Number : 264 Question Id : 1679437190 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following molecule pose hindrance in utilizing Single Cell Protein (SCP) as major food in humans?

Options :

- ☐ Protein
- ☒ Nucleic acid
- ☐ Fat
- ☐ Lipids

Question Number : 265 Question Id : 1679437191 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

In humans, which of the following is the site of maximum fertilization?

Options :

- ☒ Oviduct
- ☐ Ovary
- ☐ Uterus
- ☐ Cervix

Question Number : 266 Question Id : 1679437192 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

What is the process of inducing a woman to release more than one egg in a month called?

Options :

- ☒ Superovulation
- ☐ Ovulation induction
- ☐ In-vivo fertilization
- ☐ Ovarian stimulation

Question Number : 267 Question Id : 1679437193 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following elements are responsible for algal bloom?

Options :

- ☒ Nitrates and phosphates

✖ Sulfates

✖ Carbon

✖ Calcium

Question Number : 268 Question Id : 1679437194 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following is not force of interaction in antigen-antibody complex formation?

Options :

✖ Van-der Walls

✖ Hydrogen bond

✔ Covalent bond

✖ Hydrophobic

Question Number : 269 Question Id : 1679437195 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

What is the term given to the expansion of a species niche due to lack of a competitor species?

Options :

✖ Competitive exclusion

✔ Competitive release

✖ Niche overlap

✖ Realized niche

Question Number : 270 Question Id : 1679437196 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

“An orchid growing on a mango branch” is an example of which type of population interaction?

Options :

✖ Parasitism

✔ Commensalism

✖ Amensalism

✖ Mutualism

Question Number : 271 Question Id : 1679437197 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

What is pollination by bees or bumblebees is termed as?

Options :

✔ Melittophily

✖ Anemophily

✖ Myrmecophily

✖ Entomophily

Question Number : 272 Question Id : 1679437198 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following is a plant cytokinin receptor?

Options :

✖ ABP 1

✔ CRE1

✖ CRK 1

✖ CRHR 1

Question Number : 273 Question Id : 1679437199 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following organisms were first to evolve on the earth?

Options :

✔ Chemoautotrophs

✖ Autotrophs

✖ Chemoheterotrophs

✖ Eukaryotes

Question Number : 274 Question Id : 1679437200 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

“Red Data Book” give information related to which one of the following?

Options :

✔ Endangered species

✖ Threatened species

✖ Vulnerable species

✖ All existing species

Question Number : 275 Question Id : 1679437201 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

“Darwinian fitness” is related to which of the following aspects?

Options :

✖ Physical fitness

✔ Reproductive fitness

✖ Psychological fitness

✖ Stable population

Question Number : 276 Question Id : 1679437202 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The genetically modified “Golden rice” is rich in which of the following vitamins?

Options :

✖ Vitamin B

✔ Vitamin A

✖ Vitamin D

✖ Vitamin B₄

Question Number : 277 Question Id : 1679437203 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

At which stage of menstrual cycle the concentration of Luteinizing hormone (LH) is maximum?

Options :

- ☐ At ovulation
- ☒ Just before ovulation
- ☐ Just after ovulation
- ☐ Throughout the ovulatory phase

Question Number : 278 Question Id : 1679437204 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following traits of *Pea* plant is NOT considered by Mendel?

Options :

- ☐ Seed shape
- ☐ Seed color
- ☐ Flower color
- ☒ Pod size

Question Number : 279 Question Id : 1679437205 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

What is GEAC?

Options :

- ☐ Genomic Expression Approval Committee
- ☒ Genetic Engineering Approval Committee
- ☐ Gene Engineering Approval Committee
- ☐ Gene Expressing Authorizing Company

Question Number : 280 Question Id : 1679437206 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Which of the following is NOT used as fusogen in somatic cell hybridization?

Options :

- ✗ PEG
- ✗ NaNO₃
- ✗ High pH/Ca²
- ✓ Agar

Subject Related

Group Number :	15
Group Id :	167943146
Group Maximum Duration :	0
Group Minimum Duration :	180
Revisit allowed for view? :	No
Revisit allowed for edit? :	No
Break time:	0
Group Marks:	20

Subject Related

Section Id :	167943205
Section Number :	1
Section type :	Online
Mandatory or Optional:	Mandatory
Number of Questions:	20
Number of Questions to be attempted:	20
Section Marks:	20
Display Number Panel:	Yes
Group All Questions:	No

Sub-Section Number:	1
Sub-Section Id:	167943417
Question Shuffling Allowed :	Yes

Question Number : 281 Question Id : 1679437207 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The teacher asks the children to tweeze cotton and paste it on the picture of a duck. Development of which of the following domains is taking place through this activity?

Options :

- ✗ Creative

✓ Fine motor

✗ Social

✗ Emotional

Question Number : 282 Question Id : 1679437208 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

Select the correct option to complete the following sentence.

FLAW — Functional Literacy for Adult Women — was initiated by ICDS in the year:

Options :

✗ 1988-89

✓ 1975-76

✗ 1970-71

✗ 1990-91

Question Number : 283 Question Id : 1679437209 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

Select the correct option to complete the following sentence.

An activity to create a folk song and compose music for it is best suited for children with:

Options :

✗ musical and naturalistic intelligence

✗ logical and musical intelligence

✗ linguistic and musical intelligence

✓ naturalistic, linguistic and musical intelligence

Question Number : 284 Question Id : 1679437210 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical
Correct : 1 Wrong : 0.25

Children in a primary class are sitting in groups and pairs. They would like to remain in these groups. We can relate this observation to the Motivation Theory by:

Options :

✖ Tolman

✖ Murray

✔ Maslow

✖ Hull

Question Number : 285 Question Id : 1679437211 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Select the correct option to complete the following sentence.

Scope for non-verbal communication is more in:

Options :

✖ English Literature

✔ Life Sciences

✖ Algebra

✖ Environmental Science

Question Number : 286 Question Id : 1679437212 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Select the correct option to complete the following sentence.

The most appropriate way to study science is by:

Options :

✖ Doing

✖ Experimenting

✔ Asking How and Why questions

✖ Discussing

Question Number : 287 Question Id : 1679437213 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Select the correct option to complete the following sentence.

The first Indian university for women (SNDT) was founded on:

Options :

✘ 2 July 1912

✘ 2 July 1920

✘ 2 July 1926

✔ 2 July 1916

Question Number : 288 Question Id : 1679437214 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Select the correct option to complete the following sentence.

Bloom's cognitive domain include:

Options :

✘ Receiving, Responding, Attitude, Evaluation and Comprehension

✘ Interest, Values, Knowledge and Analysis

✘ Knowledge, Application, Values and Interest

✔ Knowledge, Comprehension, Application, Analysis and Evaluation

Question Number : 289 Question Id : 1679437215 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Audio-visual aids are best suited for concepts:

Options :

✘ that are interesting

✘ that are difficult

✘ when there is excessive time

✔ that are better understood when visual representations are supported by animations

Question Number : 290 Question Id : 1679437216 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Select the correct option to complete the following sentence.

In the process of mastering independent reading skills, an individual goes through the different stages in the following sequence:

Options :

- ☐ Recognition stage – Interpretation stage – Structuring stage
- ☒ Recognition stage – Structuring stage – Interpretation stage
- ☐ Imitation stage – Recognition stage – Demonstration stage
- ☐ Model reading – Structuring stage – Understanding stage

Question Number : 291 Question Id : 1679437217 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Select the correct option to complete the following sentence.

The important attributes that mark a divergent thinker from a convergent thinker are:

Options :

- ☐ Fluency and Flexibility
- ☐ Flexibility and Elaboration
- ☒ Imagination and Originality
- ☐ Originality and Complexity

Question Number : 292 Question Id : 1679437218 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

The two much desirable benefits of integrating Music into school subjects are:

Options :

- ☒ developing language and reasoning, and improving memory and retention
- ☐ Better understanding of concepts and improved learning pace
- ☐ Improved peer relation and recognition for the school
- ☐ Language development and concept clarity

Question Number : 293 Question Id : 1679437219 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Select the correct option to complete the following sentence.

An inter-connection of two or more computers created for exchanging information among themselves is known as:

Options :

☐ Webpage

☒ LAN

☐ Internet

☐ WAN

Question Number : 294 Question Id : 1679437220 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Select the correct option to complete the following sentence.

BCC in e-mails differs from CC in that:

Options :

☐ BCC supports attachments

☐ BCC is sent over a secured connection

☒ BCC hides all the recipient e-mail addresses

☐ BCC hides the sender's e-mail address

Question Number : 295 Question Id : 1679437221 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Select the correct option to complete the following sentence.

Ozone depletion is an adverse effect of:

Options :

☒ urbanisation

☐ deforestation

☐ natural calamities

✘ unseasonal rains

Question Number : 296 Question Id : 1679437222 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Identify the most appropriate reason.

Checklist does not suit assessing all domains because:

Options :

- ✘ it is very simple
- ✔ it does not allow recording progress in development
- ✘ it is not reliable
- ✘ it is not easy to use

Question Number : 297 Question Id : 1679437223 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Select the correct option to complete the following sentence.

One of the objectives of summative evaluation is:

Options :

- ✘ giving feedback to the student
- ✔ testing the student's achievement at the end of a session
- ✘ giving response to the student
- ✘ testing the student's learning in the middle of a session

Question Number : 298 Question Id : 1679437224 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

One of the critical aspects of Reflection is:

Options :

- ✘ remembering events and incidents
- ✔ being critical about self and situations

- ✘ writing clearly
- ✘ making notes immediately

Question Number : 299 Question Id : 1679437225 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Select the correct option to complete the following sentence.

The impact of effective inclusive practices can be evidenced in:

Options :

- ✘ excellent infrastructural provisions
- ✘ lesson plans
- ✔ academic and social progress of students of the marginalised group
- ✘ good teachers

Question Number : 300 Question Id : 1679437226 Question Type : MCQ Option Shuffling : Yes Display Question Number : Yes
Single Line Question Option : No Option Orientation : Vertical

Correct : 1 Wrong : 0.25

Select the correct option to complete the following sentence.

Teacher can support Sneha, a dyslexic child, by:

Options :

- ✔ giving printed notes
- ✘ allotting a buddy
- ✘ giving remediation
- ✘ giving more writing practice