

Commissionerate of School Education-Government of Andhra Pradesh

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 :	TGT NL Science 25th June 2025 Shift 2
Subject Name :	TGT NL Science
Creation Date :	2025-06-25 20:31:28
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TGT NL Science

Group Number :	1
Group Id :	392266117
Group Maximum Duration :	0
Group Minimum Duration :	150
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	80

Section 1

Section Id :	392266610
Section Number :	1
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	20
Number of Questions to be attempted :	20
Section Marks :	10
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	392266680

Question Shuffling Allowed :

Yes

Question Number : 1 Question Id : 39226619361 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The Slogan 'Jai Jawan, Jai Kisan, Jai Vignan' was given by

1. Rajiv Gandhi
2. Balagangadhar Tilak
3. Atal Bihari Vajpayee
4. P. V. Narasimha Rao

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 2 Question Id : 39226619362 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Mismatched pair among the following

- | | | |
|----|-----------------------------|----------------|
| a. | Durgapur Steel Factory | - West Bengal |
| b. | Rourkela Steel Factory | - Chhattisgarh |
| c. | Bhilai Steel Factory | - Odisha |
| d. | Bhushan Power and Steel Ltd | - Karnataka |

1. a, b, c
2. a, b
3. a, d
4. b, c, d

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 3 Question Id : 39226619363 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

The country that has the shortest land frontier with India

1. Nepal
2. Bangladesh
3. Pakistan
4. Afghanistan

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 4 Question Id : 39226619364 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Choose correct answer regarding subject and its nature of study

- | | | | |
|------|-----------|----|--|
| i. | Mycology | a. | Study of algae |
| ii. | Phycology | b. | Study of environment to improve human race |
| iii. | Euthenics | c. | Study of Fungi |
| iv. | Eugenics | d. | Study of factors to improve human race |

1. i-c, ii-a, iii-b, iv-d
2. i-a, ii-c, iii-d, iv-b
3. i-b, ii-c, iii-d, iv-a
4. i-d, ii-b, iii-c, iv-a

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 5 Question Id : 39226619365 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Choose correct statement regarding discovery of Dark Oxygen

- a. Oxygen can also produce in dark environment
 - b. Discovery was made in the clarion – Clipperton zone of the Pacific Ocean
 - c. Dark oxygen is inert gas and no commercial value
 - d. Study was published in nature geoscience magazine
- 1. a, b, d
 - 2. b, c, d
 - 3. a, c, d
 - 4. a, b, c

Options :

1. ✖ 1

2. ✖ 2

3. ✖ 3

4. ✔ 4

Question Number : 6 Question Id : 39226619366 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The Correctly matched pair is

1. Karnataka - Mohiniattam
2. Tamil Nadu - Kolattam
3. Kerala - Yakshagana
4. Odisha - Kathak

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 7 Question Id : 39226619367 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Identify mismatched pair

1. Amritha Preetam – Forty nine days
2. A.P.J. Abdul Kalam – Envisioning an empowered Nation
3. Kuldeep Nayar – Distant Neighbours: A Tale of Subcontinent
4. R.K. Lakshman – Autobiography of an unknown Indian

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 8 Question Id : 39226619368 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Identify Incorrect matching from the following

- | | | | |
|----|----------------------|---|----------------|
| 1. | Alice in wonderland | - | Lewis Carroll |
| 2. | A Week with Gandhi | - | Anita Desai |
| 3. | An American Dilemma | - | Gunnar Myrdal |
| 4. | Daughter of the East | - | Benazir Bhutto |

Options :

1. ✖ 1

2. ✔ 2

3. ✖ 3

4. ✖ 4

Question Number : 9 Question Id : 39226619369 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Regarding Computer, 2 Nibbles is equal to

1. 4 bits
2. 8 bits
3. 16 bits
4. 32 bits

Options :

1. ✖ 1

2. ✔ 2

3. ✖ 3

4. ✖ 4

Question Number : 10 Question Id : 39226619370 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Find the correct pair

1. World AIDS Day - 10th December
2. World Red Cross Day - 8th May
3. National Science Day - 24th February
4. National Sports Day - 19th August

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 11 Question Id : 39226619371 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The largest cave temple in India is

1. Masroor Temple, Himachal Pradesh
2. Kailash Temple, Maharashtra
3. Pancha Rathas, Tamil Nadu
4. Elephanta Caves, Maharashtra

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 12 Question Id : 39226619372 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Donyi Polo Airport is in this state

1. Sikkim
2. Arunachal Pradesh
3. Meghalaya
4. Tripura

Options :

1. ✖ 1

2. ✔ 2

3. ✖ 3

4. ✖ 4

Question Number : 13 Question Id : 39226619373 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Objective of 'Operation Rising Sun'

1. Solar Power Production
2. Digital Literacy for Youth
3. Prevent gold smuggling
4. Children health for future India

Options :

1. ✖ 1

2. ✖ 2

3. ✔ 3

4. ✖ 4

Question Number : 14 Question Id : 39226619374 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Indian player to receive the prestigious Olympic order in 2024 is

1. Abhinav Bindra
2. Vinesh Phogat
3. Sumith Antil
4. Bhagyasri Jadav

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 15 Question Id : 39226619375 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

In central government Bio E – 3 policy, the third area after Biotechnology for Economy, Environment is

1. Energy
2. Engineering
3. e - waste
4. Employment

Options :

1. ✗ 1
2. ✗ 2
3. ✗ 3
4. ✓ 4

Question Number : 16 Question Id : 39226619376 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Antonio Guterres is the

1. Prime Minister of France
2. Prime Minister of Canada
3. Secretary General of UNO
4. President of World Bank

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 17 Question Id : 39226619377 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

As per the World Happiness Report 2024, the top three nations are

1. Finland, Denmark, Iceland
2. Finland, Russia, Germany
3. Denmark, America, Italy
4. America, Canada, Russia

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 18 Question Id : 39226619378 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

The best film award winner at the 96th Oscar Awards was

1. The Last Night
2. Oppenheimer
3. Life of Pie
4. Stranger

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 19 Question Id : 39226619379 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Choose correct answer regarding Kendra Bala, Yuva Sahitya
Puraskar – 2025

- a. 2025 Bala Sahitya Puraskar - Gangiseti Sivakumar
- b. 2025 Yuva Sahitya Puraskar - Prasad Suri
- c. Bala Sahitya Puraskar winning book - Mai Ravana
- d. Yuva Sahitya Puraskar winning book - Kaburlu Devatha

1. b, c, d
2. a, b
3. b, d
4. a, b, c, d

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 20 Question Id : 39226619380 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Choose correct answer regarding National Reading Day

- a. National Reading Day celebrates on June 19
- b. Conducts in memory of P. N. Panicker
- c. In 2017 Prime Minister started National Reading Month
- d. Theme for 2025 is History, quotes significance

- 1. a, c, d
- 2. a, b, c, d
- 3. b, c, d
- 4. a, b, c

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✔ 4

Section 2

Section Id :	392266611
Section Number :	2
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	10
Number of Questions to be attempted :	10
Section Marks :	5
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	392266681
Question Shuffling Allowed :	Yes

Question Number : 21 Question Id : 39226619381 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

“The philosophy and education are like two sides of the same coin,” this is the opinion of

1. Comenius
2. Plato
3. Ross
4. Dewey

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 22 Question Id : 39226619382 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Choose correct answer regarding Committees and its recommendations.

- | | |
|------------------------------------|--|
| i. University Education Commission | a. Formation of Multipurpose schools |
| ii. Secondary Education Commission | b. Priority given to non-formal Education |
| iii. Kothari Commission | c. Formation of rural Universities |
| iv. Eswarbhai Patel Committee | d. Link between education and Productivity |

1. i-c, ii-b, iii-d, iv-a
2. i-a, ii-c, iii-d, iv-b
3. i-b, ii-c, iii-a, iv-d
4. i-c, ii-a, iii-d, iv-b

Options :

1. ✖ 1

2. ✖ 2

3. ✖ 3

4. ✔ 4

Question Number : 23 Question Id : 39226619383 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Students with visual, hearing or speech impairments will be considered passed if they obtain this percentage of marks in the SSC exams

1. 30%
2. 20%
3. 25%
4. 15%

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 24 Question Id : 39226619384 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

According to Daniel Learner which of the following factors are required for modernization of traditional society

- a. Empathy
 - b. Social Mobility
 - c. High participation
 - d. Wealth generation
1. b, c, d
 2. a, c, d
 3. a, b, c, d
 4. a, b, c

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 25 Question Id : 39226619385 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Homework time for 3rd grade as suggested by NCF - 2005 is

1. Homework should not be given
2. 1 hour per day
3. 2 hour per week
4. 1 hour per week

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 26 Question Id : 39226619386 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

NIEPA primarily focuses on

1. Developing curriculum for college education
2. Education planning and administration
3. Conducting trainings to primary teachers
4. Conducting research on primary school children

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 27 Question Id : 39226619387 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

This is NOT a benefit of education liberalization

1. Educational opportunities will increase.
2. International level quality education will be available.
3. Participation of private sector will increase job opportunities.
4. Foreign educational institutions grow rapidly and domestic education institutions are marginalized.

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 28 Question Id : 39226619388 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Article in the Indian Constitution that prohibits 'denial of admission to school on the basis of religion' is

1. Article – 30(i), 30(ii)
2. Article – 15, 16
3. Article – 28, 29
4. Article - 31

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 29 Question Id : 39226619389 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Section 13 of the RTE – 2009 Act addresses this issue

1. If capitation fee is collected, a fine upto ten times to the fee will be imposed.
2. The responsibility of providing free and compulsory primary education to children between the ages of 6-14 lies with the respective government.
3. The local government should maintain a register of details of all children under the age of 14.
4. 25% of seats in 1st grade should be reserved for children from weaker section in private schools.

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 30 Question Id : 39226619390 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Choose correct statement regarding Education Sociologies

- a. George Paine was named as father of education sociology
 - b. The principles of education sociology was written by George Paine
 - c. John Dewey defined that 'School is a social institution'
 - d. SUPW helps to improve school and society relationship
- 1. a, b, c
 - 2. a, b, d
 - 3. b, c, d
 - 4. a, b, c, d

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✔ 4

Section 3

Section Id :	392266612
Section Number :	3
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	10
Number of Questions to be attempted :	10
Section Marks :	5
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	392266682
Question Shuffling Allowed :	Yes

Question Number : 31 Question Id : 39226619391 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The step that is NOT involved in the 'Bruner's Theory of Instruction'

1. Readiness for learning
2. Content evaluation
3. Content serialization
4. Content construction

Options :

1. ✖ 1

2. ✔ 2

3. ✖ 3

4. ✖ 4

Question Number : 32 Question Id : 39226619392 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

A student couldn't do well in studies and everyone laughed at him. Then he worked hard in the field of sports, achieved gold medal and received appreciation from all. Here the defense Mechanism followed is

1. Compensation
2. Displacement
3. Regression
4. Withdrawal

Options :

1. ✔ 1

2. ✖ 2

3. ✖ 3

4. ✖ 4

Question Number : 33 Question Id : 39226619393 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

In 'Trial and Error Learning Method', when there is a modified connection between the stimulus and the response, the connection strength is increased by repeated practice. This law is called as

1. Law of Readiness
2. Law of Disuse
3. Law of Use
4. Law of effect

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 34 Question Id : 39226619394 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

'Hypnosis method' was used to treat Hysteria by

1. Gordon Allport
2. Hans Eysenck
3. Raymond B. Cattle
4. Sigmand Freud

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 35 Question Id : 39226619395 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

A conflict in a student who wants to participate in NCC programme but afraid of physical strain is

1. Approach – Approach conflict
2. Approach – Avoidance conflict
3. Avoidance – Avoidance conflict
4. Multiple Approach – Avoidance conflict

Options :

1. ✖ 1

2. ✔ 2

3. ✖ 3

4. ✖ 4

Question Number : 36 Question Id : 39226619396 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Law of time factor says that

1. Efficiency of Memory $\propto \frac{1}{\text{Time factor}}$
2. Efficiency of Interest $\propto \frac{1}{\text{Time factor}}$
3. Efficiency of Motivation $\propto \frac{1}{\text{Time factor}}$
4. Efficiency of Learning $\propto \frac{1}{\text{Time factor}}$

Options :

1. ✖ 1

2. ✖ 2

3. ✖ 3

4. ✔ 4

Question Number : 37 Question Id : 39226619397 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

One of the following statements is TRUE regarding test of Intelligence

1. There is face to face interaction in group test
2. Verbal test is more suitable for children who can read and write
3. Behaviour of an individual can be studied in group test
4. Individual test are not reliable

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 38 Question Id : 39226619398 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

A child knows by himself that 'biscuit is to eat, pencil is to write, sharpener is to mend a pencil etc.. The learning shown by the child is

1. Conceptual Learning
2. Problem solving Learning
3. Discrimination Learning
4. Perceptual Learning

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 39 Question Id : 39226619399 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Co efficient of correlation is denoted by this Greek letter

1. β (Beta)
2. Σ (Sigma)
3. ρ (Rho)
4. θ (Theta)

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 40 Question Id : 39226619400 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Steps in preparation and development of e-Teaching portfolio

1. Selection, Planning, Collection, Appropriate method, Implementation
2. Planning, Collection, Selection, Appropriate method, Implementation
3. Planning, Selection, Collection, Appropriate method, Implementation
4. Selection, Planning, Collection, Implementation, Appropriate method

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Section 4

Section Id : 392266613
Section Number : 4

Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	80
Number of Questions to be attempted :	80
Section Marks :	40
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	392266683
Question Shuffling Allowed :	Yes

Question Number : 41 Question Id : 39226619401 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

The resultant resistance when the length of wire is doubled and area of cross sections is decreased to half -

1. Remains same
2. Becomes double
3. Becomes four times
4. Reduced to half

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 42 Question Id : 39226619402 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The radius of the path when a particle of charge 'q' moving with a speed 'v' perpendicular to the magnetic field of induction 'B' is

1. $r = \frac{Bv}{mq}$

2. $r = \frac{mv}{Bq}$

3. $r = \frac{Bq}{mv}$

4. $r = \frac{mB}{vq}$

Options :

1. ✖ 1

2. ✔ 2

3. ✖ 3

4. ✖ 4

Question Number : 43 Question Id : 39226619403 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

This is NOT a factor that affects friction

1. Roughness of the surface

2. Area of the surface

3. Smoothness of the surface

4. Pressure between the surfaces

Options :

1. ✖ 1

2. ✔ 2

3. ✖ 3

4. ✖ 4

Question Number : 44 Question Id : 39226619404 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Identify the mismatched pair

- | | | | |
|----|----------------|---|--------------------------|
| 1. | Concave mirror | - | Head lights of vehicles |
| 2. | Convex mirror | - | Used by dentists |
| 3. | Concave lens | - | To correct Myopia |
| 4. | Convex lens | - | To correct Hypermetropia |

Options :

1. ✖ 1

2. ✔ 2

3. ✖ 3

4. ✖ 4

Question Number : 45 Question Id : 39226619405 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Assertion (A): Windows of the houses in coastal areas
are made to face the sea.

Reason (R) : The cool air from the sea rushes in
 towards the land due to convection.

Choose the correct answer.

1. Both A and R are correct; R is the correct reason for A.
2. Both A and R are correct; R is not a correct reason for A.
3. A is incorrect and R is correct.
4. Both A and R are incorrect.

Options :

1. ✔ 1

2. ✖ 2

3. ✖ 3

4. ✖ 4

Question Number : 46 Question Id : 39226619406 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Sound wave is a

1. Longitudinal mechanical wave consists of crest and trough
2. Transverse electromagnetic wave consists of crest and trough
3. Transverse electromagnetic wave consists of compressions and rarefactions
4. Longitudinal mechanical wave consists of compressions and rarefactions

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 47 Question Id : 39226619407 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The work done by a porter standing with a luggage of 15 kg on his head for half an hour is ($g = 10 \text{ ms}^{-2}$)

1. 7.5 J
2. 150 J
3. 75 J
4. 0 J

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 48 Question Id : 39226619408 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Statement A: The value of universal gravitational constant is $6.673 \times 10^{-11} \text{ Nm}^2\text{Kg}^{-2}$

Statement B: The value of G was found out by Sir Isaac Newton by using a sensitive balance.

Choose the correct answer

1. A and B both are correct.
2. A and B both are incorrect.
3. A is correct, B is incorrect.
4. A is incorrect, B is correct.

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 49 Question Id : 39226619409 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

INCORRECT statements among the following

1. For uniform speed, the distance-time graph is a straight line.
2. For non-uniform speed, the distance-time graph is nonlinear.
3. For all uniformly accelerated motions, the velocity-time graph can have any shape.
4. For uniform velocity motion, the velocity - time graph will not change with time.

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 50 Question Id : 39226619410 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

1 KWH is

1. 3.6×10^6 erg
2. 3.6×10^6 J
3. 3.6×10^4 erg
4. 3.6 J

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 51 Question Id : 39226619411 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Correct statements among the following

1. Glass rod acquires positive charge when it is rubbed with paper.
2. Glass rod acquires negative charge when it is rubbed with silk.
3. Plastic straw acquires positive charge when it is rubbed with polythene.
4. Plastic straw acquires negative charge when it is rubbed with polythene.

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 52 Question Id : 39226619412 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Match the correct pair

- | | | | |
|----|------------------------------|---|---------|
| 1. | Observed near the horizon | - | Mercury |
| 2. | Morning star or Evening star | - | Jupiter |
| 3. | Red planet | - | Venus |
| 4. | Largest planet | - | Mars |

Options :

- 1. ✓ 1
- 2. ✗ 2
- 3. ✗ 3
- 4. ✗ 4

Question Number : 53 Question Id : 39226619413 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Focal length of the lens does NOT depend on

- 1. Surrounding medium
- 2. Radius of curvature
- 3. Refractive index of the material
- 4. Object and image distances

Options :

- 1. ✗ 1
- 2. ✗ 2
- 3. ✗ 3
- 4. ✓ 4

Question Number : 54 Question Id : 39226619414 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Loudness of the sound is proportional to

1. Square root of the amplitude
2. Square root of the frequency
3. Square of the amplitude
4. Square of the frequency

Options :

1. ✖ 1

2. ✖ 2

3. ✔ 3

4. ✖ 4

Question Number : 55 Question Id : 39226619415 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Assertion (A): Woolen cloths keep us warm during winter and the air is trapped in between the fibres.

Reason (R) : Wool and air are poor conductors of heat.

Choose the correct answer.

1. Both A and R are correct; R is correct reason for A.
2. Both A and R are correct; R is not a correct reason for A.
3. A is incorrect and R is correct.
4. Both A and R are incorrect.

Options :

1. ✔ 1

2. ✖ 2

3. ✖ 3

4. ✖ 4

Question Number : 56 Question Id : 39226619416 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The angle of minimum deviation for a glass prism of refractive index $\sqrt{3}$ equals the angle of prism. The angle of the prism is

1. 45°
2. 90°
3. 30°
4. 60°

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 57 Question Id : 39226619417 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

If $|\vec{a} + \vec{b}| = |\vec{a}| - |\vec{b}|$ then the angle between $\vec{a}$ and $\vec{b}$ is

1. 45°
2. 90°
3. 0°
4. 180°

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 58 Question Id : 39226619418 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Diameters of the smaller piston and larger piston of two syringes are 1.0 cm and 3.0 cm respectively. They are filled with water and connected to a rubber tube. The force exerted on larger piston when a force of 10 N is applied to the smaller piston is

1. 10 N
2. 30 N
3. 60 N
4. 90 N

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 59 Question Id : 39226619419 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

S.I unit of angular wave number is

1. Radian / metre
2. Radian - metre
3. Radian / metre²
4. Radian – metre²

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 60 Question Id : 39226619420 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The force of attraction due to a hollow spherical shell of uniform density, on a point mass situated inside it is

1. Infinite
2. Equal to weight of the spherical shell
3. 0 N
4. 1 N

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 61 Question Id : 39226619421 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The process of heating sulphide ores in excess of air to convert into oxides is known as

1. Calcination
2. Roasting
3. Smelting
4. Electrolytic reduction

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 62 Question Id : 39226619422 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

The name of the carbon compound $\text{CH}_3\text{--CH=CH--CH--C}\equiv\text{CH}$ is

1. Hex – 4 – en – 1 – yne
2. Hex – 3 – ene – 6 – yne
3. Hex – 3 – yne – 6 – ene
4. Hept – 4 – ene – 1 – yne

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 63 Question Id : 39226619423 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Assertion (A) : LPG is a highly inflammable substance.

Reason (R) : The substances which have low ignition temperatures are inflammable substances.

Choose the correct answer

1. A and R both are incorrect.
2. A is incorrect; R is correct.
3. Both A & B are correct; R is correct explanation of A.
4. Both A & B are correct; R is not a correct explanation of A.

Options :

1. ✗ 1
2. ✗ 2
3. ✓ 3
4. ✗ 4

Question Number : 64 Question Id : 39226619424 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

False statement regarding the planet Uranus is

1. It can be seen only with the help of a large telescope.
2. It rotates from west to east.
3. It has highly tilted rotational axis.
4. It has large number of moons.

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 65 Question Id : 39226619425 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Identify the mismatched pair

1. Gold - Compound
2. Oxygen - Element
3. Water in alcohol - Homogeneous mixture
4. Water in oil - Heterogeneous mixture

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 66 Question Id : 39226619426 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The rule involved in writing the electronic configuration of Nitrogen as $1S^2 2S^2 2P_x^1 2P_y^1 2P_z^1$ is based on

1. Aufbau rule
2. Hund's rule
3. Pauli's principle
4. Quantum rule

Options :

1. ✖ 1

2. ✔ 2

3. ✖ 3

4. ✖ 4

Question Number : 67 Question Id : 39226619427 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Valency shell configuration of chalcogen family is

1. $ns^2 np^2$
2. $ns^2 np^3$
3. $ns^2 np^4$
4. $ns^2 np^5$

Options :

1. ✖ 1

2. ✖ 2

3. ✔ 3

4. ✖ 4

Question Number : 68 Question Id : 39226619428 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Atoms of elements with the following properties form cations.

1. High ionization energy, high electron affinity, low atomic size, low electronegativity
2. Low ionization energy, low electron affinity, high atomic size, low electronegativity
3. Low ionization energy, low electron affinity, low atomic size, low electronegativity
4. High ionization energy, high electron affinity, high atomic size, low electronegativity

Options :

1. ✖ 1

2. ✔ 2

3. ✖ 3

4. ✖ 4

Question Number : 69 Question Id : 39226619429 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The chemical reaction that does not take place is

1. $\text{CuSO}_4 + \text{Zn} \longrightarrow \text{ZnSO}_4 + \text{Cu}$
2. $\text{CuSO}_4 + \text{Fe} \longrightarrow \text{FeSO}_4 + \text{Cu}$
3. $\text{ZnSO}_4 + \text{Cu} \longrightarrow \text{CuSO}_4 + \text{Zn}$
4. $\text{FeSO}_4 + \text{Zn} \longrightarrow \text{ZnSO}_4 + \text{Fe}$

Options :

1. ✖ 1

2. ✖ 2

3. ✔ 3

4. ✖ 4

Question Number : 70 Question Id : 39226619430 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The main disadvantage of synthetic fibres is

1. Quite expensive
2. Less durable
3. Catch the fire easily
4. Difficult to maintain

Options :

1. ✖ 1

2. ✖ 2

3. ✔ 3

4. ✖ 4

Question Number : 71 Question Id : 39226619431 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Napthalene balls are obtained from

1. Coke
2. Petrol
3. Coal tar
4. Coal gas

Options :

1. ✖ 1

2. ✖ 2

3. ✔ 3

4. ✖ 4

Question Number : 72 Question Id : 39226619432 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Value of Planck's constant (h) is

1. $6.626 \times 10^{-27} \text{ J-s}$
2. $6.626 \times 10^{-34} \text{ J-s}$
3. $6.626 \times 10^{27} \text{ Js}^{-1}$
4. $6.626 \times 10^{-34} \text{ Js}^{-1}$

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 73 Question Id : 39226619433 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The hottest zone in the candle flame is

1. The non – luminous zone
2. The innermost zone
3. The middle zone
4. The luminous zone

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 74 Question Id : 39226619434 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Number of water molecules present in one formula unit of Gypsum is

1. 5
2. 2
3. 10
4. 1/2

Options :

1. ✖ 1

2. ✔ 2

3. ✖ 3

4. ✖ 4

Question Number : 75 Question Id : 39226619435 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

In a colloidal solution, the diameter of solute particles is

1. less than 1 nm
2. equal to 1 nm
3. greater than 1 nm and less than 1000 nm
4. greater than 1000 nm

Options :

1. ✖ 1

2. ✖ 2

3. ✔ 3

4. ✖ 4

Question Number : 76 Question Id : 39226619436 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The mass of photon with wavelength $3.6 \text{ \AA}$ is

1. $0.6135 \times 10^{-29} \text{ kg}$
2. $6.135 \times 10^{-33} \text{ g}$
3. $6.135 \times 10^{-33} \text{ kg}$
4. $61.35 \times 10^{-29} \text{ g}$

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 77 Question Id : 39226619437 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Among the following, the species with smaller radius is

1. Na^+
2. Mg^{2+}
3. K^+
4. Al^{3+}

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 78 Question Id : 39226619438 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Amount of water produced by the combustion of 8 g of methane is

1. 9 g
2. 18 g
3. 36 g
4. 45 g

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 79 Question Id : 39226619439 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

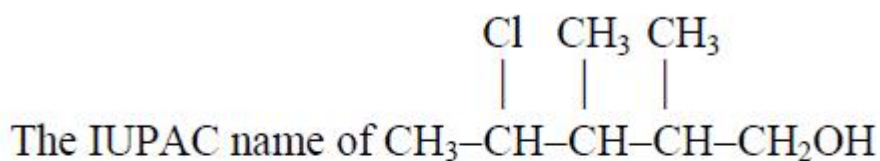
Oligosaccharide among the following

1. Glucose
2. Fructose
3. Sucrose
4. Cellulose

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 80 Question Id : 39226619440 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0



1. 2-chloro – 3, 4 – methyl – 5 – methanol
2. 2, 3 – methyl – 4 – chloro – butan – 5 - ol
3. 2 – chloro – 3, 4 – dimethyl – pentan – 5 – ol
4. 4 – chloro – 2, 3 – dimethylpentan – 1 – ol

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 81 Question Id : 39226619441 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Plants with green and tender stems are

1. Shrubs
2. Trees
3. Herbs
4. Climbers

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 82 Question Id : 39226619442 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

This is NOT the reason for malnutrition

1. Consuming high calorific food.
2. Consuming low calorific food.
3. Consuming unbalanced food.
4. Lack of awareness of nutritional habits.

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 83 Question Id : 39226619443 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Choose the correct pair of Phytoplankton

1. Daphnia, Dineutes
2. Notonecta, Dytiscus
3. Dytiscus, Volvox
4. Volvox, Nitzschia

Options :

1. ✗ 1
2. ✗ 2
3. ✗ 3
4. ✓ 4

Question Number : 84 Question Id : 39226619444 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Loss of leucocytes is caused due to the deficiency of

1. Biotin
2. Pantothenic acid
3. Folic acid
4. Tocoferol

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 85 Question Id : 39226619445 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Identify the INCORRECT statement about ‘antibiotics’

1. Antibiotics should be taken under the supervision of a doctor.
2. Antibiotics should not be taken unnecessarily.
3. Antibiotics are effective against all types of pathogens
4. Over usage of antibiotics can kill useful microbes in our body.

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 86 Question Id : 39226619446 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

During summer in temperate lakes “Upper more warm layer” of lake is called

1. Thermocline
2. Epilimnion
3. Hypolimnion
4. Metalimnion

Options :

1. ✖ 1

2. ✔ 2

3. ✖ 3

4. ✖ 4

Question Number : 87 Question Id : 39226619447 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The scientific name of the Honey bee that is commonly known as ‘Little Bee’

1. *Apis florea*
2. *Apis cerana indica*
3. *Apis dorsata*
4. *Apis mellifera*

Options :

1. ✔ 1

2. ✖ 2

3. ✖ 3

4. ✖ 4

Question Number : 88 Question Id : 39226619448 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Ciliated columnar epithelium is observed in

1. Ducts of salivary glands
2. Inner lining of the intestine
3. Respiratory tract
4. Lining of the kidney tubules

Options :

1. ✖ 1

2. ✖ 2

3. ✔ 3

4. ✖ 4

Question Number : 89 Question Id : 39226619449 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Find the correct sequence of urinary path

1. Kidney→urinary bladder→urethra→ureter
2. Kidney→ureter→urinary bladder→urethra
3. Urethra→kidney→urinary bladder→ureter
4. Urinary bladder→ureter→kidney→urethra

Options :

1. ✖ 1

2. ✔ 2

3. ✖ 3

4. ✖ 4

Question Number : 90 Question Id : 39226619450 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Find the correct pair of plants with Hypogynous flower

1. Mustard, Brinjal
2. Plum, Rose
3. Peach, Guava
4. Cucumber, Sunflower

Options :

1.  1
2.  2
3.  3
4.  4

Question Number : 91 Question Id : 39226619451 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Find the INCORRECT statement about lichens

1. Lichens are examples for symbiosis.
2. Algae and Fungi live together in lichens.
3. Algae absorb water from the soil.
4. Fungi provide shelter to algae.

Options :

1.  1
2.  2
3.  3
4.  4

Question Number : 92 Question Id : 39226619452 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The cells in the human body that can change their shape like 'Amoeba'

1. Red blood cells
2. Nerve cells
3. White blood cells
4. Platelets

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 93 Question Id : 39226619453 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Odd one concerned to the 4 R's for conservation

1. Reduce
2. Recycle
3. Recover
4. Reproduce

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 94 Question Id : 39226619454 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Joint that allows movement in all directions

1. Pivotal joint
2. Ball and socket joint
3. Hinge joint
4. Fixed joint

Options :

1. ✖ 1

2. ✔ 2

3. ✖ 3

4. ✖ 4

Question Number : 95 Question Id : 39226619455 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Number of alleles represented for a character in a pea plant

1. 4
2. 3
3. 2
4. 1

Options :

1. ✖ 1

2. ✖ 2

3. ✔ 3

4. ✖ 4

Question Number : 96 Question Id : 39226619456 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Statement A : In sunlight, plants use carbon dioxide to produce food and give out oxygen.

Statement B : The amount of oxygen released in the process of food preparation by plants is much less than the oxygen they use in respiration.

Choose the correct answer.

1. Both A & B are correct.
2. A is correct, B is incorrect.
3. A is incorrect, B is correct.
4. Both A & B are incorrect.

Options :

1. ✖ 1

2. ✔ 2

3. ✖ 3

4. ✖ 4

Question Number : 97 Question Id : 39226619457 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Thrombokinase is a/an

1. Hormone.
2. Enzyme.
3. Fibrine fibre.
4. Thrombin fibre.

Options :

1. ✖ 1

2. ✔ 2

3. ✖ 3

4. ✖ 4

Question Number : 98 Question Id : 39226619458 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Identify the 'male hormone' and the gland that produces it.

1. Estrogen - Ovaries
2. Progesterone - Testis
3. Adrenaline - Adrenal gland
4. Testosterone - Testis

Options :

1. ✖ 1

2. ✖ 2

3. ✖ 3

4. ✔ 4

Question Number : 99 Question Id : 39226619459 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Sometimes the food pyramid does not look like a pyramid.
Then the producers occupy

1. The top level
2. The middle level
3. The bottom level
4. The second level

Options :

1. ✖ 1

2. ✖ 2

3. ✔ 3

4. ✖ 4

Question Number : 100 Question Id : 39226619460 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Pyloric sphincter is present in between

1. Oesophagus - Stomach
2. Duodenum – Large intestine
3. Stomach – Duodenum
4. Pharynx - Oesophagus

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 101 Question Id : 39226619461 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

The following food component is not readily digested and assimilated by carnivore's animals is

1. Blood
2. Muscles
3. Feather
4. Skin

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 102 Question Id : 39226619462 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

A system of neurons that can function even independently of either CNS or PNS is located in human

1. Digestive tract
2. Spinocerebral tract
3. Corticospinal tract
4. Respiratory tract

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 103 Question Id : 39226619463 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

This cell organelle involves in membrane biogenesis

1. Endoplasmic reticulum
2. Plastids
3. Golgi apparatus
4. Vacuoles

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 104 Question Id : 39226619464 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Identify the 'kharif crops'

1. Paddy, Maize, Wheat, Soyabean
2. Wheat, Pea, Maize, Ground nut
3. Wheat, Pea, Gram, Mustard
4. Paddy, Maize, Soyabean, Groundnut

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 105 Question Id : 39226619465 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Odd one in the list of waterborne diseases is

1. Hepatitis – A
2. Cholera
3. Typhoid
4. Tuberculosis

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 106 Question Id : 39226619466 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

The normal respiratory rate in an adult human being per minutes is

1. 15 - 18 times
2. 11-16 times
3. 12 - 16 times
4. 13 - 20 times

Options :

1.  1
2.  2
3.  3
4.  4

Question Number : 107 Question Id : 39226619467 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

The meaning of the word 'Insula' in Latin is

1. Island
2. Lagoon
3. Peninsula
4. Water

Options :

1.  1
2.  2
3.  3
4.  4

Question Number : 108 Question Id : 39226619468 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Find the mismatched pair

1. Fusion - Bacteria
2. Budding - Hydra
3. Fragmentation - Lichens
4. Regeneration – Planaria

Options :

1.  1
2.  2
3.  3
4.  4

Question Number : 109 Question Id : 39226619469 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

The heartbeat of a well-trained adult athlete per minute is

1. 40 – 60 times
2. 50 - 70 times
3. 60 - 80 times
4. 70 - 100 times

Options :

1.  1
2.  2
3.  3
4.  4

Question Number : 110 Question Id : 39226619470 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

The first reserve forest in India

1. Ghir National Park
2. Khazi Ranga National Park
3. Satpura National Park
4. Jim Corbett National Park

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 111 Question Id : 39226619471 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Single cell protein producing bacteria among the following

1. *Scenedesmus accutus*
2. *Chaetomium cellulolyticum*
3. *Methylophilus methylotrophus*
4. *Candida Utilis*

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 112 Question Id : 39226619472 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

‘The genetic material of the TMV is RNA.’ – This was first confirmed by

1. W.M Stanley
2. Dmitri Iwanowski
3. Frankel Conrat
4. Martinus Beijerinck

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 113 Question Id : 39226619473 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Cabbage and Carrots are monocarpic biennial that normally flower and die in the second season, because of

1. Vernalisation
2. Dormancy
3. Unfavorable conditions
4. Latency

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 114 Question Id : 39226619474 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Cell wall of Algae consist of

1. Cellulose, galactans, mannans and CaCO_3
2. Cellulose, hemicellulose, pectins and proteins
3. Cellulose, pectins and CaCO_3
4. Cellulose, proteins and CaCO_3

Options :

1. ✓ 1

2. ✗ 2

3. ✗ 3

4. ✗ 4

Question Number : 115 Question Id : 39226619475 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Identify the INCORRECT statements

1. Intine is a thin and continuous layer made up of cellulose and pectin.
2. Matured pollen grain contains one big food reserved vegetative cell and second generative cell.
3. Generative cells are big and round shaped.
4. Pollen tablets are used as food supplements.

Options :

1. ✗ 1

2. ✗ 2

3. ✓ 3

4. ✗ 4

Question Number : 116 Question Id : 39226619476 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Culturing of Crab, Oyster is called

1. Aquaculture
2. Crab culture
3. Oyester culture
4. Pisciculture

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 117 Question Id : 39226619477 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Hypersecretion of somatotropin results in

1. Dwarfism
2. Goiter
3. Myxedema
4. Gigantism

Options :

1. ✗ 1
2. ✗ 2
3. ✗ 3
4. ✓ 4

Question Number : 118 Question Id : 39226619478 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Identify the animal with bilateral symmetry, acoelomate and exhibits pseudometamerism.

1. Earthworm
2. Taenia
3. Ascaris
4. Obelia

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 119 Question Id : 39226619479 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

“Ecology is the study of the relationship of organisms with their environment.” - This definition was given by

1. E P Odom
2. Ernst Haeckel
3. Van't Hoff
4. Bergman

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 120 Question Id : 39226619480 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Pharyngeal nephridia in Pheretima are

1. Closed and exonephric
2. Open and exonephric
3. Closed and enteronephric
4. Open and enteronephric

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Section 5

Section Id :	392266614
Section Number :	5
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	40
Number of Questions to be attempted :	40
Section Marks :	20
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	392266684
Question Shuffling Allowed :	Yes

Question Number : 121 Question Id : 39226619481 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Formula to calculate standard deviation for ungrouped data is

1. $\sqrt{\frac{6 \sum d^2}{N}}$

2. $\sqrt{\frac{\sum d}{N^2}}$

3. $\sqrt{\frac{\sum d^2}{N}}$

4. $6\sqrt{\frac{\sum d}{N}}$

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✔ 3
- 4. ✖ 4

Question Number : 122 Question Id : 39226619482 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

A student solved the problem related to physics Viz. Finding focal point of a lens by substituting the values given in the formula, $\frac{1}{f} = \frac{1}{u} + \frac{1}{v}$ the objective achieved by him/her is

- 1. Knowledge
- 2. Understanding
- 3. Skill
- 4. Application

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✔ 4

Question Number : 123 Question Id : 39226619483 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

The Revised Bloom's Taxonomy was published by Anderson and Krathwohl in the year

1. 2001
2. 2002
3. 2003
4. 2004

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 124 Question Id : 39226619484 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

The best method to teach 'Reflection of light' to the students

1. Project method
2. Historical method
3. Lecturer cum demonstration method
4. Heuristic method

Options :

1. ✗ 1
2. ✗ 2
3. ✓ 3
4. ✗ 4

Question Number : 125 Question Id : 39226619485 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Productive type of experiment in Physical science is

1. Finding diameter of a coin with Vernier Calipers
2. Verification of laws of Pendulum
3. Preparation of SO₂ gas in a laboratory
4. Measuring length of an object with a scale

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 126 Question Id : 39226619486 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

The teaching method in which we find 'an internal relationship between – education and life' is

1. Lecturer method
2. Laboratory method
3. Heuristic method
4. Project method

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 127 Question Id : 39226619487 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

The book form of 'Branched programme' is

1. Scrambled book
2. Programmed learning book
3. Branched programming book
4. Linear programming book

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 128 Question Id : 39226619488 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

According to L.B. Stands, "A plan of action implemented by the teacher in a classroom" is

1. Instructional Plan
2. Institutional Plan
3. Lesson Plan
4. Period Plan

Options :

1. ✗ 1
2. ✗ 2
3. ✓ 3
4. ✗ 4

Question Number : 129 Question Id : 39226619489 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

A significant contribution to the success of Team Teaching is made by

1. Lloyd Trump
2. JS Bruner
3. Robert Mager
4. David Began

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 130 Question Id : 39226619490 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

The educationist to introduce a systematic way of writing a lesson plan is

1. Morison
2. Herbart
3. BS Bloom
4. L.B. Stands

Options :

1. ✗ 1
2. ✓ 2
3. ✗ 3
4. ✗ 4

Question Number : 131 Question Id : 39226619491 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

When different contents of a subject are arranged carefully in a systematic sequence from easy to difficult, simple to complex, in the organisation curriculum content, - the system of arrangement is called as

1. Topic method
2. Concentric method
3. Logical order method
4. Psychological method

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 132 Question Id : 39226619492 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

When a teacher is teaching 'Pascal law' topic, the simple improvised apparatus he/she can use is

1. Glass tumbler
2. Y shaped tube
3. Spoiled motor
4. A rubber ball with holes

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 133 Question Id : 39226619493 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

The measurement of Dr. Rh Whitehouse 'Laboratory and class room' plan

1. $40' \times 20'$
2. $45' \times 25'$
3. $41' \times 21'$
4. $45' \times 20'$

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 134 Question Id : 39226619494 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

The ratio of Charcoal, Magnesium oxide and Tannic Acid in a 'universal antidote'

1. $2 : 1 : 1$
2. $1 : 2 : 1$
3. $1 : 2 : 2$
4. $1 : 1 : 2$

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 135 Question Id : 39226619495 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

The generalized notion of a thought or an idea with partial meaning is called

1. Observation
2. Content
3. Concept
4. Context

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 136 Question Id : 39226619496 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

The National Children's Science Congress is organized by

1. National Council of Educational Research and Training - NCERT
2. National Institute of Science Educational and Research - NISER
3. National Council for Science and Technology Communication - NCSTC
4. NITI Aayog and Ministry of Education

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 137 Question Id : 39226619497 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Services like Smokeless stoves, Production of energy without fuel sources are given by this NGO

1. ESTP
2. KSSP
3. JVV
4. DSF

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 138 Question Id : 39226619498 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Father of Indian Nuclear programme is

1. H. J. Bhabha
2. Vikram Sara Bhai
3. APJ Kalam
4. Sir Dorabji Tata

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 139 Question Id : 39226619499 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Council of Scientific and Industrial Research, CSIR was established in the year

1. 1940
2. 1941
3. 1942
4. 1943

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 140 Question Id : 39226619500 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

In a text book there are 5 units. From each unit 10 questions are given in a test paper, and then the test paper has

1. Validity
2. Reliability
3. Practicability
4. Comprehensiveness

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 141 Question Id : 39226619501 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Preliminary information about the experiment can be written in

1. Laboratory record book
2. Experiments book
3. Observation record book
4. Auxiliary record book

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 142 Question Id : 39226619502 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Choose correct statements regarding Micro Tending

- a. A. W. Dwight Allen named the process as Micro teaching
 - b. J. C. Cliff divided this into three stages
 - c. Feedback helps to redesign, reselection of teaching strategies
 - d. This is useful to work in laboratory method
1. b, c, d
 2. a, b, d
 3. a, b, c
 4. b, d

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 143 Question Id : 39226619503 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Author of the book 'On the Structure of Human Body'

1. Andreas Vesalius
2. Theophrastus
3. John pones
4. Robert Hook

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 144 Question Id : 39226619504 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

It is NOT a comprehensive process skill

1. Making hypothesis
2. Conduct experiments
3. Classify things
4. Find variables

Options :

1. ✗ 1
2. ✗ 2
3. ✓ 3
4. ✗ 4

Question Number : 145 Question Id : 39226619505 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

A student asked questions about social believes based on scientific evidences. This is

1. Nihilism
2. Scepticism
3. Humanism
4. Optimism

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 146 Question Id : 39226619506 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

“Only a burning lamp can light other lamps” means

1. A teacher should be a helper to students
2. A teacher should be a constant learner
3. A teacher should be a guide to the students
4. A teacher should be a constant instructor

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 147 Question Id : 39226619507 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Weightage given for drawing and model making academic standard in summative assessment is

1. 40%
2. 15%
3. 5%
4. 10%

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 148 Question Id : 39226619508 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

All materials used during an experiment should be entered in this register

1. Issue Register
2. Order Register
3. Consumable stock register
4. Breakable stock register

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 149 Question Id : 39226619509 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

There is no democratic environment in this teaching method

1. Lecturer cum demonstration
2. Heuristic
3. Lecture
4. Problem solving

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 150 Question Id : 39226619510 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Choose correct order of steps in inductive method

- | | |
|--------------------|----------------------|
| a. Define problem | b. Making hypothesis |
| c. Experimentation | d. Data Collection |
| e. Generalization | |
1. a, b, c, d, e
 2. a, e, d, c, b
 3. a, d, b, c, e
 4. a, b, d, e, c

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 151 Question Id : 39226619511 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

According to Krathwohl one of the following is not a knowledge dimension

1. Factual knowledge
2. Fractional knowledge
3. Procedural knowledge
4. Conceptual knowledge

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 152 Question Id : 39226619512 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

The teaching plan which contains details of experiments, field trip and project works is

1. Period plan
2. Year plan
3. Lesson plan
4. Micro teaching plan

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 153 Question Id : 39226619513 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Evaluation conducted during learning period is

1. Diagnostic evaluation
2. Formative evaluation
3. Summative evaluation
4. Partial evaluation

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 154 Question Id : 39226619514 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

The formulation of academic standards in place of objectives and specifications in Andhra Pradesh is led by

1. NCF - 2005
2. RTE - 2009
3. SCF - 2011
4. NCF - 2000

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 155 Question Id : 39226619515 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Last state in Edgar Dale cone of experience is

1. Exhibits
2. Motion Pictures
3. Created Experiences
4. Verbal Indicators

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 156 Question Id : 39226619516 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Blue Print contains

- a. Concepts / Content taught
 - b. Objectives to be tested
 - c. Nature / number of questions
 - d. Scoring key
 - e. Objective / question wise marks allotment
1. a, b, d, e
 2. a, b, c, d
 3. a, b, c, e
 4. a, c, d, e

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 157 Question Id : 39226619517 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

This is suitable to study wet land plants

1. Herbarium
2. Vivarium
3. Terrarium
4. Naturarium

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 158 Question Id : 39226619518 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Arrangement of concepts based on the organs and their functions is a

1. Structural approach
2. Cellular approach
3. Functional approach
4. Synchronised approach

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 159 Question Id : 39226619519 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

When students get hands – on observation of silk thread production in silk worm industry, such experience occupies this position in cone of experience

1. First level at the base
2. Just above the base
3. Middle of the cone
4. Top of the cone

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 160 Question Id : 39226619520 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Practical examinations can assess students

- a) Skill
 - b) Attitudes
 - c) Perspectives
1. a, b
 2. b, c
 3. c, a
 4. a, b, c

Options :

1. ✗ 1
2. ✗ 2
3. ✗ 3
4. ✓ 4