

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 :	PGT NL Botany 14th June 2025 Shift 1
Subject Name :	PGT NL Botany
Creation Date :	2025-06-14 13:25:39
Duration :	180
Total Marks :	100
Display Marks:	No
Change Font Color :	No
Change Background Color :	No
Change Theme :	No
Help Button :	No
Show Reports :	No
Show Progress Bar :	No

PGT NL Botany

Group Number :	1
Group Id :	39226662
Group Maximum Duration :	0
Group Minimum Duration :	180
Show Attended Group? :	No
Edit Attended Group? :	No
Break time :	0
Group Marks :	100

Section 1

Section Id :	392266317
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 :	392266327
Question Shuffling Allowed :	Yes

Question Number : 1 Question Id : 39226610121 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

International Court of Justice is located in

1. New York
2. Beijing
3. Switzerland
4. Hague

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 2 Question Id : 39226610122 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Identify correct statement(s) related to NITI Aayog

- i. Established on 1-1-2015 and this contains 4 divisions.
 - ii. This is a think tank and Sub Ka Sath - Sub Ka Vikas is its slogan
1. i only
 2. ii only
 3. Both i & ii are correct
 4. Both i & ii are wrong

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 3 Question Id : 39226610123 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Identify the correct matched pair

- | | |
|------------------------|-------------------------|
| i. Jai Jawan Jai Kisan | a. Dayananda Saraswati |
| ii. Jai Hind | b. Lal Bhahadur Shastri |
| iii. Jai Vignan | c. A. B. Vajpayee |
| iv. Return to Vedas | d. Subhas Chandra Bose |
1. i - a, ii - b, iii - c, iv - d
2. i - b, ii - d, iii - c, iv - a
3. i - a, ii - d, iii - b, iv - c
4. i - b, ii - d, iii - a, iv - c

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 4 Question Id : 39226610124 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

“I have sold my kingdom to my beloved wife for a cup of wine and a cup of broth” – this is the statement of

1. Humayun
2. Akbar
3. Shajahan
4. Jahangir

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 5 Question Id : 39226610125 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Choose correct answer regarding Health activities and it's launchings

- | | | | |
|------|--|----|------|
| i. | Ayushman Bharat Digital Mission | a. | 2016 |
| ii. | Pradhan Mantri Garib Kalyan Package Insurance Scheme | b. | 2021 |
| iii. | Pradhan Mantri Surakshit Matritva Abhiyan | c. | 2008 |
| iv. | Pradhan mantra Bharatiya Jana Aushadhi Pariyojana | d. | 2020 |

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

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 6 Question Id : 39226610126 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Match the Authors with their Works and find correct answer

- | | | | |
|------|-------------------|----|-----------------|
| i. | Arudra | a. | Muntaj Mahal |
| ii. | Krishna Sastri | b. | Twamevaham |
| iii. | Gurram Jashua | c. | Paana sala |
| iv. | Duvvuri Ramireddy | d. | Krishna Paksham |

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

Options :

- 1. ✖ 1
- 2. ✔ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 7 Question Id : 39226610127 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Choose the correctly matched set

- | | |
|----------------------------|-------------------------------|
| i. World Water day | a. September 16 th |
| ii. World Theatre Day | b. June 5 th |
| iii. World Environment Day | c. March 22 nd |
| iv. World Ozone Day | d. March 27 th |

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

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✔ 4

Question Number : 8 Question Id : 39226610128 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Match the Reform movement and it's Leaders/Founders

- | | |
|---------------------------|------------------------|
| i. Brahma Samaj | a. Dayananda Saraswati |
| ii. Tatwa bodhini | b. Raja Ram Mohan Rai |
| iii. Arya Samaj | c. Debendranath Tagore |
| iv. Bharatiya Brahmasamaj | d. Kesava Chandra Sen |

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

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 9 Question Id : 39226610129 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Choose the correct answer

- a. Rocky and Ural mountains are Block mountains.
 - b. Himalayas and Andes are Fold Mountains
1. a – correct, b – incorrect
 2. a – incorrect, b – incorrect
 3. a – correct, b – correct
 4. a – incorrect, b – correct

Options :

1. ✗ 1
2. ✗ 2
3. ✗ 3
4. ✓ 4

Question Number : 10 Question Id : 39226610130 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Match the Chemical with its General name

- | | |
|----------------------|-----------------|
| i. Calcium Carbonate | a. Laughing gas |
| ii. Sodium Chloride | b. Washing Soda |
| iii. Nitrous Oxide | c. Lime Stone |
| iv. Sodium Carbonate | d. Common salt |

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

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 11 Question Id : 39226610131 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

This can be surveyed in villages under SVAMITVA Yojana.

1. Agricultural lands
2. Tanks
3. Horticulture crops
4. Illiterates

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 12 Question Id : 39226610132 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Famous writer Popuri Lalita Kumari who was awarded Sri Krishna Murthi Sahitya Puraskaram - 2024 is familiar with this name.

1. Ragathi Pandari
2. Veena Pani
3. Volga
4. Kinnera

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 13 Question Id : 39226610133 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Gold medalist of 38th National games in Kanoi Slalom water sports is

1. Nishika Agarwal
2. Nagidi Gayatri
3. Pranathi Nayak
4. Divija Rajolu

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 14 Question Id : 39226610134 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

S. Devasenan, who wrote a story book 'Dev and Little Pingu' at the age of six, belongs to this state

1. Tamil Nadu
2. Karnataka
3. Punjab
4. Gujarat

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 15 Question Id : 39226610135 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

'Euphoria Musical Concert' was conducted recently in Vijayawada with this objective

1. Help orphan children
2. Enshrine mother tongue
3. Benefit of Thalassemia diseased children
4. Attract investments

Options :

1. ✗ 1
2. ✗ 2
3. ✓ 3
4. ✗ 4

Question Number : 16 Question Id : 39226610136 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The state that came under the President's Rule in the month of February 2025 is

1. Arunachal Pradesh
2. West Bengal
3. Manipur
4. Assam

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 17 Question Id : 39226610137 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

37th National games : Goa : : 38th National games :

1. Uttarakhand
2. Delhi
3. Surat
4. Hyderabad

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 18 Question Id : 39226610138 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Identify the correct order of RBI Governors

- a. Sanjay Malhotra
 - b. Urjit Patel
 - c. Sakthi Kanth Das
- 1. a, b, c
 - 2. b, c, a
 - 3. a, c, b
 - 4. c, a, b

Options :

- 1. ✖ 1
- 2. ✔ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 19 Question Id : 39226610139 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

During his visit to America in 2025, the book presented by American President to Prime Minister of India was

- 1. Glimpses of America
- 2. Two Nations
- 3. Our Journey Together
- 4. Let's Talk

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✔ 3
- 4. ✖ 4

Question Number : 20 Question Id : 39226610140 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The Hydropower project that will be developed by Nepal, Bangladesh and India.

1. Kaligandaki - 3
2. Upper Tamakoshi
3. Sunkoshi - 3
4. Arun – 4

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Section 2

Section Id :	392266318
Section Number :	2
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 :	392266328
Question Shuffling Allowed :	Yes

Question Number : 21 Question Id : 39226610141 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Identify the correct set from the following

- | | |
|----------------------------------|---------|
| i) Juvenile Justice Act | a) 1960 |
| ii) Orphan children Act | b) 1956 |
| iii) Young Persons Act | c) 1986 |
| iv) Child Marriage Restraint Act | d) 1929 |

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

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 22 Question Id : 39226610142 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Choose the correct pairs among the following

- | | | | |
|----|---------------|---|--------------------------------|
| a. | September – 8 | - | International Literacy Day |
| b. | October – 8 | - | International Child Rights Day |
| c. | October – 18 | - | National Girl Child Day |
| d. | December – 10 | - | International Human Rights Day |
1. a, d
 2. a, c
 3. b, d
 4. c, d

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 23 Question Id : 39226610143 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

‘Common School System’ from Kashmir to Kanyakumari was the recommendation of

1. POA - 1992
2. NEP - 1986
3. Baktavatsalam Committee
4. Kothari Commission

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 24 Question Id : 39226610144 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Choose correct matching of books and Authors

- a. Nicomachean Ethics - Aristotle
 - b. A system of National Education - Arabindo Ghosh
 - c. The origin of inequality among men - Rousseau
 - d. Protagoras - Socrates
1. a, b, d
 2. a, b, c
 3. a, c, d
 4. b, c, d

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 25 Question Id : 39226610145 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Unit cost formula for one student expenditure where school as one unit is

1. $\frac{T+A+Q+N+J}{M}$
2. $\frac{T+A+J+Q}{M+N}$
3. $\frac{T+A+Q+M+J}{N}$
4. $\frac{A+J+N+Q+N}{T}$

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 26 Question Id : 39226610146 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Choose correct answer

- a. Destitution is the root cause of all problems in our country - Swami Vivekananda
 - b. Education is not only for attaining knowledge but also for employment - Mahatma Gandhi
 - c. Education shall make children dynamic not mechanical - Arabindo
1. a, c
 2. a, b
 3. a, b, c
 4. b, c

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 27 Question Id : 39226610147 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Choose correct statement

- a. Intuition is a way of getting Knowledge with inner senses
 - b. Axiology is branch of philosophy deals with values.
 - c. Meta Physics helps us to understand about beyond physical world.
- 1. a, b
 - 2. b, c
 - 3. a, c
 - 4. a, b, c

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✔ 4

Question Number : 28 Question Id : 39226610148 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Fund allocated to girl child education in NEP – 2020 is

- 1. Balika Nidhi
- 2. Gender Inclusion Fund
- 3. Girl Education Fund
- 4. Balika Samriddhi Yojana

Options :

- 1. ✖ 1
- 2. ✔ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 29 Question Id : 39226610149 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Widely used multi-sensory training method of inclusive education is

1. CAVD
2. MMPI
3. VAKT
4. NIPUN

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 30 Question Id : 39226610150 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

National Council for Women Education was establishment in the year

1. 1958
2. 1976
3. 1989
4. 2000

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 31 Question Id : 39226610151 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Identify the true statement regarding Education in Jain Period

1. Samyak Drushti is a Triratna, Samyak Darshana is an approach
2. Samyak Charitham is a Triratna, Samyak gnanam is an approach
3. Samyak Drushti and Samyak Charitham are approaches
4. Samyak gnanam is a Triratna, Samyak Drushti is an approach

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 32 Question Id : 39226610152 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

‘The current term for an old process of social change where by less developed societies acquire the characteristics common to more developed societies’ is

1. Globalization
2. Liberalization
3. Modernalization
4. Industrialization

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 33 Question Id : 39226610153 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The Christian priest who established St. Anns' college at Bandra, Bombay in 1574 was

1. Thomas, the Apostle
2. Father Charles Racine
3. William Carey
4. St. Francis Xavier

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 34 Question Id : 39226610154 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Identify the correct statements

- a. Article 15 (1) - No Religious Education in Educational Institutes.
 - b. Article 15 (3) - Religious Education can be done in Endowment Departmental Institutes administered by the Government.
 - c. Article 16 (1) - Equal opportunities for men and women in jobs for public services.
 - d. Article 45 – Free Compulsory Education for all the children below 14 years.
1. a, b
 2. c, d
 3. a, c, d
 4. a, b, c, d

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 35 Question Id : 39226610155 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Rasthriya Avishkar Abhiyan (RAA) was inaugurated by

1. Dr. Kasturi Rangan
2. Dr. APJ. Abdul Kalam
3. Atal Bihari Vajpyee
4. M. S. Swaminathan

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 36 Question Id : 39226610156 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The factor that is least responsible to change 'Humans' as 'Resource'

1. Training
2. Nutrition
3. Weather conditions
4. Health

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 37 Question Id : 39226610157 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

For the first of its kind, MDM was introduced in / at

1. Kerala
2. Bombay Municipal Corporation
3. Temple Trust of India
4. Madras Municipal Corporation

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 38 Question Id : 39226610158 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

‘Every school must setup the School Management Committee.
It is directed by

1. NCF – 2005, Chapter -3
2. NEP – 2020, Chapter -2
3. RTE – 2009, Chapter -4
4. RTI – 2004, Chapter -3

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 39 Question Id : 39226610159 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

‘PARAKH’ full form

1. Performance Assessment, Regulation and Analysis of Knowledge for Higher Education.
2. Public Assessment, Review and Analysis of Knowledge for Holistic Development.
3. Programme of Assessment Research and Knowledge in Higher Education.
4. Performance Assessment Review and Analysis of Knowledge for Holistic Development.

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 40 Question Id : 39226610160 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Design prepared by a school

1. Professional Development Plan
2. Curriculum Plan
3. Institutional Plan
4. Academic Calendar

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Section 3

Section Id :	392266319
Section Number :	3
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 : 392266329
Question Shuffling Allowed : Yes

Question Number : 41 Question Id : 39226610161 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Development

1. Can be measured accurately
2. Can be predicted
3. Stops after attaining maturation
4. Is a simple comprehensive process

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 42 Question Id : 39226610162 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The important concept formed during sensory motor stage is

1. Animism
2. Abstract thinking
3. Conservation of concepts
4. Object permanence

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 43 Question Id : 39226610163 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

One of the following is not there in performance tests of Wechsler Intelligence Scale of Children (WISC)

1. Picture Completion Test
2. Similarities Test
3. Digit Symbol Test
4. Block Design Test

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 44 Question Id : 39226610164 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The first and the last psychosocial crisis faced by an individual, according to Psychosocial Theory of Development, respectively are

1. Autonomy Vs Shame; Initiative Vs Guilt
2. Generatively Vs Stagnation; Trust Vs Mistrust
3. Trust Vs Mistrust; Ego integrity Vs Despair
4. Industry Vs Inferiority; Ego integrity Vs Despair

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 45 Question Id : 39226610165 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

During solitary play, children

1. Allow only one person to play with them
2. Don't allow others in their activities
3. Play games in parallel to others
4. Play in groups

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 46 Question Id : 39226610166 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

A 10 year old boy is studying 5th class. As per psychological tests his age was determined as 15 years. Based on I Q, he can be categorized as

1. Moron
2. Superior
3. Very superior
4. Gifted

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 47 Question Id : 39226610167 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Match the following with theory of learning and its example

- | | |
|-------------------------------------|---|
| i. Theory of Identical Elements | a. Switch of fans while leaving a room in all places |
| ii. Theory of Ideal | b. Hit a correct target that is dipped in water by using the principle of refraction |
| iii. Theory of Generalisation | c. Solve a rider by applying the knowledge of various theories of geometry and their whole interrelation meaningfully |
| iv. Gestaltein Transposition Theory | d. Driving a car as well a jeep easily |

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

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 48 Question Id : 39226610168 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

When a modifiable connection is made between the situation and response the connections strength is increased by repeated practice. This is

1. Law of Effect
2. Law of Exercises
3. Law of Extinction
4. Law of Multiple responses

Options :

1. ✗ 1

2. ✓ 2

3. ✗ 3

4. ✗ 4

Question Number : 49 Question Id : 39226610169 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

One of the following is NOT a Gestalt Psychologist

1. Kohler
2. Koffka
3. Rosenthal
4. Wertheimer

Options :

1. ✗ 1

2. ✗ 2

3. ✓ 3

4. ✗ 4

Question Number : 50 Question Id : 39226610170 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

An employee was scolded by his boss for no reason. He got angry upon his boss. Unable to show his anger on him, he has shown his anger on his subordinates. Here the defense mechanism used the employee is

1. Projection
2. Displacement
3. Compensation
4. Internalisation

Options :

1. ✗ 1

2. ✓ 2

3. ✗ 3

4. ✗ 4

Question Number : 51 Question Id : 39226610171 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The following is a sort of self – observation in which one perceives, analyses and reports one's own feelings.

1. Natural observation
2. Introspection
3. Case study
4. Sociometry

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 52 Question Id : 39226610172 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

‘The memorization of Mathematical tables by students without understanding’ comes under the following type of memory

1. Logical Memory
2. Rote Memory
3. Sensory Memory
4. Dejavu

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 53 Question Id : 39226610173 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Choose correct matching

- | | |
|-----------------|---|
| i. Ability | a. Indicates future state of a person |
| ii. Achievement | b. Indicates present states of a person |
| iii. Aptitude | c. Indicates past status of a person |

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

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 54 Question Id : 39226610174 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Following is incorrect regarding longitudinal approach

1. Same group is studied for long time
2. Time taking process
3. There is followup at every stage
4. Very economic and easy to follow

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 55 Question Id : 39226610175 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Identify the correct pairs

- a. Enactive Method - Pictures, Words, Images
- b. Iconic Method - Models, Drawings by Children
- c. Intuitive Method - Visual memory, Work centered
- d. Symbolic Method - Language development, Number concept

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

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✔ 4

Question Number : 56 Question Id : 39226610176 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Identify the correct set of answers

- | | |
|-----------------|------------------------------|
| i) Dyslexia | a) Disability in speaking |
| ii) Disgraphia | b) Disability in reading |
| iii) Dysphasia | c) Disability in calculation |
| iv) Dyscalculia | d) Disability in writing |

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

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✔ 4

Question Number : 57 Question Id : 39226610177 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

In Directive Counselling

1. Both Counselor and Counselee are active in decision making.
2. Solution to the problem is suggested by counselor.
3. Counselor is passive.
4. Counselee plays main role.

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 58 Question Id : 39226610178 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The following is NOT related to cognitive domain

1. Analysis
2. Synthesis
3. Valuing
4. Evaluation

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 59 Question Id : 39226610179 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

As per RTE Act 2009, the total number of instructional hours in an academic year for classes 6 to 8 is

1. 200
2. 220
3. 800
4. 1000

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 60 Question Id : 39226610180 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The square of standard deviation is equal to

1. Quartile deviation
2. Variance
3. Skewness
4. Mean deviation

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Section 4

Section Id :	392266320
Section Number :	4
Section type :	Online
Mandatory or Optional :	Mandatory
Number of Questions :	100
Number of Questions to be attempted :	100
Section Marks :	50
Maximum Instruction Time :	0
Sub-Section Number :	1
Sub-Section Id :	392266330

Question Shuffling Allowed :

Yes

Question Number : 61 Question Id : 39226610181 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The branch of Botany that deals with the study of development of male and female gametophytes, formation of gametes, process of fertilization, development of seed, fruit and endosperm is

1. Physiology
2. Embryology
3. Cell Biology
4. Anatomy

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 62 Question Id : 39226610182 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Find out the INCORRECT statement related Nomenclature based on ICBN rules.

1. Biological names are generally in Latin.
2. The first word in a biological name represents the genus while the second component denotes specific epithet.
3. The genus starts with a small letter while the specific epithet starts with a capital letter.
4. Both the words in a biological names are written in italics. When hand written, they are separately underlined.

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 63 Question Id : 39226610183 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

The following bacteria derive energy from the oxidation of inorganic substances and carbon from carbondioxide.

- 1. Chromatium, Chlorobium
- 2. Rhodospirillum, Rhodopseudomonas
- 3. Xanthomonas, Salmonella
- 4. Beggiotoa, Methenogens, Nitrobacter

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✔ 4

Question Number : 64 Question Id : 39226610184 Question Type : MCQ Option Shuffling : No Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Match the following and choose the correct answer

- | | | | |
|----|----------------------|------|----------------|
| A. | Griffith | I. | Germ theory |
| B. | Lederberg and Zinder | II. | Transformation |
| C. | Lederberg and Tatum | III. | Conjugation |
| D. | Koch | IV. | Transduction |

- | | A | B | C | D |
|----|----|-----|-----|-----|
| 1. | II | IV | III | I |
| 2. | II | III | IV | I |
| 3. | IV | II | III | I |
| 4. | I | IV | II | III |

Options :

- 1. ✔ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 65 Question Id : 39226610185 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Find out mismatched pair

1. Syphilis – Treponema
2. Gonorrhoea – Vibrio
3. Tuberculosis – Mycobacterium
4. Typhoid – Salmonella

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 66 Question Id : 39226610186 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Find out the correct statement about viral diseases in humans.

1. Viruses cause many diseases like Tetanus, Cholera, Typhoid etc.
2. Most viral infections do not result in death such as Rabies, AIDS and Ebola have low mortality rate.
3. Bovine spongiform encephalitis in cows is caused by viroids.
4. Creutzfeldt – Jakob disease is caused by proteinaceous infectious particles.

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 67 Question Id : 39226610187 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Find out INCORRECT statement about genetic material in viruses

1. The viruses that infect plants have RNA.
2. The viruses that infect animals have ds-DNA.
3. The viruses that infect bacteria have ds-RNA.
4. The viruses that cause AIDS have RNA.

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 68 Question Id : 39226610188 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

In lytic cycle of viruses 'eclipse period' is referred as

1. During this, tail sheath of phage contacts with cell wall of Bacteria.
2. The capsid remain outside the Bacteria
3. The time gap between infection by virus to appearance of mature virions in cell.
4. The final period of viral multiplication.

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 69 Question Id : 39226610189 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Find out mismatched pair

- | | | | |
|----|----------------|---|-----------------|
| 1. | Phycomycetes | - | Algal fungi |
| 2. | Ascomyetes | - | Bracket fungi |
| 3. | Basidiomycetes | - | Club fungi |
| 4. | Deuteromycetes | - | Imperfect fungi |

Options :

- 1. ✖ 1
- 2. ✔ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 70 Question Id : 39226610190 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Identify the fungi that have branched, septate mycelium where asexual reproduction and special sex organs are absent and but produce basidiospores which are exogenous in origin

- 1. Agaricus
- 2. Colletotrichum
- 3. Penicillium
- 4. Rhizopus

Options :

- 1. ✔ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 71 Question Id : 39226610191 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Find out INCORRECT statement about 'Amphibians of the plant kingdom'.

1. These are the first Archegoniates
2. These are the first Embryophytes
3. These are the first tracheophytes
4. These are primitive land plants

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 72 Question Id : 39226610192 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

In pteridophytes, the following plants produce two kinds of spores on the same plant

1. Selaginella, Salvinia
2. Pteris, Equisetum
3. Psilotum, Dryopteris
4. Salvinia, pteris

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 73 Question Id : 39226610193 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Match the following and choose the correct answer

- | | | | |
|----|---------|------|--------------------|
| A. | Cycas | I. | Living fossil |
| B. | Pinus | II. | Coralloid roots |
| C. | Ginkgo | III. | Tallest gymnosperm |
| D. | Sequoia | IV. | Mycorrhiza |

- | | A | B | C | D |
|----|-----|----|-----|-----|
| 1. | II | IV | III | I |
| 2. | III | I | II | IV |
| 3. | III | II | I | IV |
| 4. | II | IV | I | III |

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✔ 4

Question Number : 74 Question Id : 39226610194 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The taxonomy which is now easily carried out using the computers is based on all observable characters is.

- 1. Cytotaxonomy
- 2. Chemotaxonomy
- 3. Numerical taxonomy
- 4. Omega taxonomy

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✔ 3
- 4. ✖ 4

Question Number : 75 Question Id : 39226610195 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The book that is written by 'Father of Botany'

1. Species Plantarum
2. Genera Plantarum
3. Historia Plantarum
4. Micrographia

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 76 Question Id : 39226610196 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The following plant shows papilionaceous corolla, diadelphous stamens and monocarpellary, unilocular ovary with marginal placentation.

1. Solanum
2. Pisum
3. Allium
4. Brassica

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 77 Question Id : 39226610197 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Find out mismatched pair

1. Yellow dye – *Butea monosperma*
2. Blue dye – *Indigofera tinctoria*
3. Timber – *Pterocarpus*
4. Leafy vegetable – *Derris indica*

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 78 Question Id : 39226610198 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

In Bentham and Hooker classification, the number of series and cohorts in polypetalae respectively

1. 3, 3
2. 25, 15
3. 3, 15
4. 3, 25

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 79 Question Id : 39226610199 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Choose the correct statements regarding satellite chromosomes.

- a. Satellites are formed due to permanent non-staining secondary constrictions.
 - b. Satellite positions are random and do not have fixed position on chromosomes.
 - c. Satellites appear as small fragments separated from the main chromosome body.
- 1. a, c
 - 2. b, c
 - 3. a, b
 - 4. a, b, c

Options :

- 1. ✓ 1
- 2. ✗ 2
- 3. ✗ 3
- 4. ✗ 4

Question Number : 80 Question Id : 39226610200 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Find out mismatched pair

- 1. Cell wall - Robert Hooke
- 2. Endoplasmic Reticulum - K.R. Porter
- 3. Ribosomes - Flemming
- 4. Fluid mosaic model of plasma membrane - Singer and Nicolson

Options :

- 1. ✗ 1
- 2. ✗ 2
- 3. ✓ 3
- 4. ✗ 4

Question Number : 81 Question Id : 39226610201 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Match the following and choose the correct answer

- | | | | |
|----|---------------|------|------------------------|
| A. | Ribosome | I. | Aerobic respiration |
| B. | Lysosome | II. | Glycoprotein synthesis |
| C. | Golgi complex | III. | Protein synthesis |
| D. | Mitochondria | IV. | Autolysis |

- | | A | B | C | D |
|----|-----|-----|----|-----|
| 1. | III | IV | II | I |
| 2. | IV | III | II | I |
| 3. | II | IV | I | III |
| 4. | III | IV | I | II |

Options :

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

Question Number : 82 Question Id : 39226610202 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The type of meristem that occurs in grasses and regenerate parts removed by grazing herbivores.

- 1. Lateral meristem
- 2. Intercalary meristem
- 3. Apical meristem
- 4. Secondary meristem

Options :

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

Question Number : 83 Question Id : 39226610203 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Find out INCORRECT statement

1. Spring wood contains more number of xylem vessels.
2. Autumn wood contains less number of xylem vessels.
3. Vascular cambium divides and produce secondary. xylem towards outside and secondary phloem towards inside.
4. Phellogen, Phellem and phelloderm are collectively known as periderm.

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 84 Question Id : 39226610204 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The number of chromosomes and DNA (respectively) in G_2 Phase, if the cell has 16 chromosomes in G_1 Phase of Interphase are

1. 16, 32
2. 32, 16
3. 16, 64
4. 32, 64

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 85 Question Id : 39226610205 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The phase of the cell division where the centromeres splits, chromatids separate and move to opposite poles is

1. Anaphase
2. Prophase
3. Meta phase
4. Telo phase

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 86 Question Id : 39226610206 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Match the following and choose the correct answer

- | | |
|---------------|---------------------|
| A. Zygotene | I. Crossing over |
| B. Pachytene | II. Terminalization |
| C. Diplotene | III. Bivalents |
| D. Diakinesis | IV. Chiasmata |

- | | A | B | C | D |
|----|-----|-----|-----|----|
| 1. | III | I | IV | II |
| 2. | I | III | II | IV |
| 3. | II | IV | III | I |
| 4. | III | IV | I | II |

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 87 Question Id : 39226610207 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Find out the mismatched pair

1. S-Phase – DNA Replication
2. G₀-Phase – Quiescent phase
3. G₂-Phase – Proteins synthesis
4. G₁-Phase – DNA doubles

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 88 Question Id : 39226610208 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The type of chromosome that has middle centromere forming equal arms of the chromosome is

1. Telocentric
2. Metacentric
3. Acrocentric
4. Sub metacentric

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 89 Question Id : 39226610209 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The following characters are NOT selected for Mendel's Experiments.

1. Stem height – Tall or dwarf.
2. Pod colour – Red or Pink.
3. Seed shape – Round or Wrinkled
4. Flower colour – Violet or White

Options :

- 1. ✖ 1
- 2. ✔ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 90 Question Id : 39226610210 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The ratio between parental phenotypes and recombinants in Mendel dihybrid F_2 generation is

- 1. 5 : 3
- 2. 3 : 1
- 3. 1 : 1
- 4. 2 : 5

Options :

- 1. ✔ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 91 Question Id : 39226610211 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Find out INCORRECT pair

- 1. Sutton and Boveri – Chromosomal theory
- 2. Alfred Sturtevant – Experimental verification of chromosomal theory
- 3. T.H. Morgan – Linkage experiments
- 4. R.C. Punnett – Checker board

Options :

- 1. ✖ 1
- 2. ✔ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 92 Question Id : 39226610212 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The following codon does not act as stop codon

1. UAA
2. UAG
3. UGA
4. UUC

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 93 Question Id : 39226610213 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Assertion (A) : The genetic code is degenerate

Reason (R) : All amino acids are coded by more than one codon.

1. A, R are correct, 'R' is correct explanation of 'A'
2. A, R are correct, 'R' is not correct explanation of 'A'
3. 'A' is correct, 'R' is false.
4. 'A' is false 'R' is true

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 94 Question Id : 39226610214 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The bacteria's involved in conversion of nitrates into molecular nitrogen that escape from soil into atmosphere are

1. Nitrosomonas, Nitrococcus
2. Bacillus, Xanthomonas
3. Pseudomonas, Thiobacillus
4. Chlorobium, Chromatium

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 95 Question Id : 39226610215 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The following plants are submerged, suspended hydrophytes in pond ecosystem

1. Hydrilla, Utricularia
2. Typha, Limnophila
3. Pistia, Lemna
4. Nymphaea, Nelumbo

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 96 Question Id : 39226610216 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The salting of pickles and preserving of fish and meat in salt are good examples of practical applications of this phenomenon

1. Osmosis
2. Plasmolysis
3. Imbibition
4. Active transport

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 97 Question Id : 39226610217 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Match the following

- | | |
|-------------|---------------------------|
| A. Zinc | I. Cytochrome 'c' oxidase |
| B. Copper | II. Pollen germination |
| C. Boron | III. Auxin synthesis |
| D. Chlorine | IV. Photolysis |

- | | A | B | C | D |
|----|-----|-----|-----|----|
| 1. | III | I | IV | II |
| 2. | I | IV | III | II |
| 3. | IV | III | II | I |
| 4. | III | I | II | IV |

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 98 Question Id : 39226610218 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The microbe that produces nitrogen fixing nodules on the roots of non-leguminous plants like *Alnus* is

1. Rhizobium
2. Frankia
3. Nostoc
4. Anabaena

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 99 Question Id : 39226610219 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Find out the incorrect statement

1. In high temperature, enzymes are undergoes to denaturation
2. Low temperature preserves the enzyme in a permanently inactive state.
3. Melonate acts as competitive inhibitor to succinic dehydrogenase
4. Competitive inhibitors are often used in the control of bacterial pathogens.

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 100 Question Id : 39226610220 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Non cyclic electron transport does not take place in stroma lamellae due to the lack of

1. P_{680}, P_{700}
2. PS-I, NADH reductase
3. PS-II, Photolysis
4. PS-II, NADP reductase

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 101 Question Id : 39226610221 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Find out mismatched pair.

1. PS-I reaction centre – P_{700}
2. PS-II reaction centre – P_{680}
3. Accessory pigments – Chlorophyll 'a' and 'b'
4. Reaction centre – Modified chlorophyll 'a'

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 102 Question Id : 39226610222 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Find out INCORRECT statement about C_4 -plants

1. Presence of Kranz Anatomy
2. Presence of two carbon fixations
3. Presence of two enzymes – PEPcase, RuBisCO
4. Presence of Photo respiration

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 103 Question Id : 39226610223 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Identify the reaction in which FAD^+ is reduced to FADH_2 .

1. Citric Acid $\rightarrow$ Cis Aconitic Acid
2. Succinyl CoA $\rightarrow$ Succinic Acid
3. Succinic Acid $\rightarrow$ Fumaric Acid
4. Fumaric Acid $\rightarrow$ Malic Acid

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 104 Question Id : 39226610224 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Assertion (A) : The RQ value of fats is less than one.

Reason (R) : The number of evolved CO_2 is less than that consumed O_2 .

1. A, R are correct, 'R' is correct explanation of A
2. A, R are correct, 'R' is not correct explanation of A
3. A is correct, R is not correct.
4. A is not correct 'R' is correct.

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 105 Question Id : 39226610225 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Find out INCORRECT matching.

1. Auxin – Apical dominance
2. Gibberellins – Bolting
3. Cytokinins – Delay leaf senescence
4. Absciscic Acid – The opening of stomata

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 106 Question Id : 39226610226 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

It is used to initiate flowering in pineapple, mango and promotes female flowers in cucumbers.

1. Gibberellins
2. Cytokins
3. Ethylene
4. Absciscic Acid

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 107 Question Id : 39226610227 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Name the vector used to introduction of desirable r-DNA into plants

1. *E.Coli*
2. *Agrobacterium*
3. *Thermus aquaticus*
4. *Rhizobium*

Options :

- 1. ✖ 1
- 2. ✔ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 108 Question Id : 39226610228 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Find out INCORRECT statement.

- 1. Elution:- The separated bands of DNA cutout from agarose gel.
- 2. DNA fragments are negatively charged.
- 3. Spooling is the precipitation of DNA in chilled ethanol.
- 4. Restriction endonuclease is also called molecular scissors.

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✔ 3
- 4. ✖ 4

Question Number : 109 Question Id : 39226610229 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The following is NOT related to polymerase chain reaction (PCR).

- 1. Extention
- 2. Denaturation
- 3. Downstream processing
- 4. Annealing

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✔ 3
- 4. ✖ 4

Question Number : 110 Question Id : 39226610230 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Choose the correct statements

- a. Somaclones are genetically modified plants produced using recombinant DNA technology
- b. Plants like banana, Sugarcane and potato can be regenerated virus-free by culturing their meristems.
- c. Somatic embryogenesis always involves an intermediate callus stage.
- d. Micro-propagation enables large – scale productions of genetically identical plants in limited time and space.

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

Options :

- 1. ✖ 1
- 2. ✔ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 111 Question Id : 39226610231 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Find out the INCORRECT statement about the structure of TMV.

- 1. Franklin has described the structure of TMV.
- 2. It is rod shape and RNA is the nucleic acid.
- 3. Each rod is approximately $300\text{\AA}$ and molecular weight is 39×10^9 daltons.
- 4. The protein coat contains 2130 capsomers

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✔ 3
- 4. ✖ 4

Question Number : 112 Question Id : 39226610232 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The following is NOT viral infections

1. Chlorosis, Necrosis
2. Mosaic, Vein banding
3. Witches broom, Vein clearing
4. Late blight, Early blight

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 113 Question Id : 39226610233 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The following is NOT a function of Mesosomes

1. DNA Replication
2. Cell membrane formation
3. Site of cell respiration
4. They decrease the surface area of membrane

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 114 Question Id : 39226610234 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Find out the mismatched pair.

- | | | | |
|----|----------------------|---|----------------------------|
| 1. | Fire blight of apple | - | <i>Erwinia amylovorous</i> |
| 2. | Citrus canker | - | <i>Xanthomonas citri</i> |
| 3. | Crown gall of apple | - | <i>Agrobacterium</i> |
| 4. | Late blight of paddy | - | <i>Pseudomonas oryza</i> |

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✔ 4

Question Number : 115 Question Id : 39226610235 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

In fungus, the mycelium forms compact and hard body known as

- 1. Sclerotia
- 2. Stromata
- 3. Rhizomorphs
- 4. Mycorrhiza

Options :

- 1. ✔ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 116 Question Id : 39226610236 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Find out the mismatched pair

- | | | | |
|----|-----------------------|---|-----------------------------|
| 1. | Black or stem rust | - | <i>Puccinia graminis</i> |
| 2. | Blue (or) leaf rust | - | <i>Puccinia glumarum</i> |
| 3. | Brown or Orange rust | - | <i>Puccinia recondita</i> |
| 4. | Yellow or stripe rust | - | <i>Puccinia striiformis</i> |

Options :

- 1. ✖ 1

2. ✓ 2

3. ✗ 3

4. ✗ 4

Question Number : 117 Question Id : 39226610237 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

$C_6H_{12}O_6 \rightarrow 2C_2H_5OH + 2CO_2$. It is carried by fungal enzyme from

1. Rhizopus
2. Saccharomyces
3. Mucor
4. Agaricus

Options :

1. ✗ 1

2. ✓ 2

3. ✗ 3

4. ✗ 4

Question Number : 118 Question Id : 39226610238 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Foliose Lichens are seen in

1. Graphis, Verrucaria
2. Usnea, Ramalina
3. Physcia, Cetraria
4. Lacanora, Cladonia.

Options :

1. ✗ 1

2. ✗ 2

3. ✓ 3

4. ✗ 4

Question Number : 119 Question Id : 39226610239 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The following Algae are live in fresh water

1. Ectocarpus, Polysiphonia Fucus
2. Volvox, Spirogyra, Chara
3. Chlorella, Diatom, Sargassum
4. Dictyota, Ulothrix, Nitella

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 120 Question Id : 39226610240 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Match the following and choose the correct answer

- | | |
|------------------------|-----------------|
| A. Coenobium | I. Tetraspora |
| B. Palmelloid colony | II. Spirogyra. |
| C. Unbranched filament | III. Cladophora |
| D. Branched filament | IV. Volvox |

- | | A | B | C | D |
|----|-----|-----|-----|-----|
| 1. | IV | I | II | III |
| 2. | IV | III | II | I |
| 3. | III | IV | I | II |
| 4. | I | IV | III | II |

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 121 Question Id : 39226610241 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The following algae shows oogamous type of gametic fusion

1. Ulothrix, Spirogyra
2. Zygnema, Ectocarpus
3. Vaucheria, Volvox
4. Ulva, Enteromorpha

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 122 Question Id : 39226610242 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Identify INCORRECT statement about polysiphonia

1. Life cycle is diplobiontic
2. The male sex organs are spermatangia
3. The female plant produces archegonium
4. Both male and female sex organs produce non motile gametes.

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 123 Question Id : 39226610243 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

This algae is used as food for space travellers

1. Chlorella
2. Chara
3. Chlamydomonas
4. Laminaria

Options :

- 1. ✓ 1
- 2. ✗ 2
- 3. ✗ 3
- 4. ✗ 4

Question Number : 124 Question Id : 39226610244 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

‘Funori’ is a type of glue obtained from this red algae

- 1. Laminaria
- 2. Gloiopeltis
- 3. Spirulina
- 4. Chlorella

Options :

- 1. ✗ 1
- 2. ✓ 2
- 3. ✗ 3
- 4. ✗ 4

Question Number : 125 Question Id : 39226610245 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

These are special cup like vegetative bodies that develop on Marchantia are

- 1. Tubers
- 2. Primary Protonema
- 3. Gemmae
- 4. Secondary Protonema

Options :

- 1. ✗ 1
- 2. ✗ 2
- 3. ✓ 3
- 4. ✗ 4

Question Number : 126 Question Id : 39226610246 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Find out the correct statement about bryophytes.

1. The life cycle is haplodiplontic
2. The plant body is haploid gametophyte
3. All bryophytes are homosporous
4. The sporophyte and gametophytes are separate, autotrophs

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 127 Question Id : 39226610247 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The following bryophytes belong to class Hepaticopsida.

1. Porella, Marchantia
2. Funaria, Sphagnum
3. Bryum, Anthoceros
4. Polytrichum, Riccia

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 128 Question Id : 39226610248 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The elaters are spindle shape sterile, with spiral thickenings, hygroscopic and help in spore dispersal. They are in

1. Anthoceros
2. Marchantia
3. Funaria
4. Polytrichum

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 129 Question Id : 39226610249 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The mature sporophyte of this bryophyte have bulbous foot, intercalary meristem and a horn like capsule with pseudo elators.

1. Marchantia
2. Polytrichum
3. Anthoceros
4. Riccia

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 130 Question Id : 39226610250 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Find out mismatched pair regarding pteridophytes.

1. Psilopsida - Rhynia
2. Luycopsida - Isoetes
3. Sphenopsida - Equisetum
4. Pteropsida - Selaginella

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 131 Question Id : 39226610251 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

A mixed protostele is present in

1. *Lycopodium serratum*
2. *Lycopodium selago*
3. *Lycopodium volubile*
4. *Lycopodium squarrosum*

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 132 Question Id : 39226610252 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Find out INCORRECT statement about Marsilea.

1. The plant body is sporophyte.
2. The stem is a creeping rhizome present just below the soil
3. Young leaves show circinate vernation
4. The leaves are unlobed simple leaves.

Options :

1. ✗ 1
2. ✗ 2
3. ✗ 3
4. ✓ 4

Question Number : 133 Question Id : 39226610253 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Amphiphloic siphonostele is present in

1. Equisetum, Lycopodium
2. Adiantum, Marsilia
3. Riccia, Rhynia
4. Pteris, Dryopteris

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 134 Question Id : 39226610254 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

In pteridophytes 'the seed habit' is refers to

1. Development of only one kind of spores
2. Retention of microspores on gametophyte
3. Development of sporophyte on gametophyte
4. Fertilization of egg within water

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 135 Question Id : 39226610255 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The common feature in both pteridophytes and gymnosperms.

1. Well-developed gametophytes without vascular tissue
2. Well-developed sporophyte without vascular tissue
3. Well-developed gametophyte with vascular tissue
4. Well-developed sporophyte with vascular tissue

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 136 Question Id : 39226610256 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Find out INCORRECT statement about Gymnosperms.

1. Naked ovules
2. Seeds are absent.
3. Fruits are absent
4. Well-developed sporophyte

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 137 Question Id : 39226610257 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Find out INCORRECT statement about Cycas.

1. It is evergreen plant with unbranched stem
2. Presence of coralloid roots
3. Leaves are long simple leaves and scaly leaves.
4. Transfusion tissue is present in between palisade and spongy parenchyma.

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 138 Question Id : 39226610258 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

In this plant, flowers having 3 sepals, 6 petals with numerous stamens and numerous carpels which are spirally arranged

1. Annona
2. Arachis
3. Atropa
4. Allium

Options :

- 1. ☒ 1
- 2. ☐ 2
- 3. ☐ 3
- 4. ☐ 4

Question Number : 139 Question Id : 39226610259 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

In the following plant, gynoecium shows tricarpellary, syncarpous, unilocular, inferior ovary with parietal placentation.

- 1. Annona
- 2. Solanum
- 3. Cucurbita
- 4. Arachis

Options :

- 1. ☐ 1
- 2. ☐ 2
- 3. ☒ 3
- 4. ☐ 4

Question Number : 140 Question Id : 39226610260 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Find out INCORRECT statement about family Asclepiadaceae.

- 1. Simple leaves, opposite phyllotaxy
- 2. Presence of coroline corona
- 3. Presence of gynostegium
- 4. The fruit is berry with many seeds

Options :

- 1. ☐ 1
- 2. ☐ 2
- 3. ☐ 3
- 4. ☒ 4

Question Number : 141 Question Id : 39226610261 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Find out mismatched pair.

1. *Emblica officinalis* – Vitamin - C
2. *Hevea brasiliensis* – Pararubber
3. *Acalypha indica* – Biofertilizer
4. *Ricinus communis* – Vegetable oil

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 142 Question Id : 39226610262 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Identify the characters of family poaceae

1. Caudex stem, Spadix, Spathe 6 stamens
2. Fibrous roots, compound spike, Spikelets, 3 stamens
3. Tap root, recomose, umbel, 10 stamens
4. Fibrous roots, Head inflorescence, ray, disc florets.

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 143 Question Id : 39226610263 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Find out mismatched pair

1. *Eleusine coracana* – Cereals
2. *Cynodon dactylon* – fodder
3. *Cymbopogon citratus* – Edible oil
4. *Saccharum officinarum* – Sucrose.

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 144 Question Id : 39226610264 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

It is a circular double stranded extra chromosomal DNA present in bacteria in addition of Genomic DNA

1. Plasmid
2. Nucleid
3. Chromatin
4. Chromatid

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 145 Question Id : 39226610265 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Find out correct statement about active transport.

1. It is a spontaneous process
2. Water move from high concentration to low concentration
3. Carrier proteins facilitate the movement passively.
4. The movement is against to concentration gradient with expenditure of energy

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 146 Question Id : 39226610266 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Find out INCORRECT one related to Heterochromatin

1. Darkly stained
2. Takes little stain
3. Inactive genes
4. More coils of chromatin

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 147 Question Id : 39226610267 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

In Nucleic Acids, Nucleotide refers to

1. Nitrogen base, Phosphate
2. Nitrogen base Sugar
3. Nitrogen bases, Sugar, Phosphate
4. Purines, Phosphate

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 148 Question Id : 39226610268 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Find out the % of thymine in DNA, if cytosine is 30%

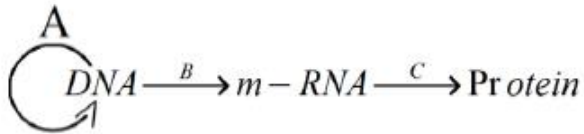
1. 30%
2. 50%
3. 20%
4. 100%

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 149 Question Id : 39226610269 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0



Find out A, B, C in given flow chart

1. A. Replication, B. Transcription, C. Translation
2. A. Transcription, B. Translation, C. Transduction
3. A. Translation, B. Transcription, C. Replication
4. A. Transformation, B. Replication, C. Transductions

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 150 Question Id : 39226610270 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

This RNA helps in bringing amino acid to the ribosomes and play a key role in protein synthesis.

1. m - RNA
2. r - RNA
3. hn - RNA
4. s - RNA

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 151 Question Id : 39226610271 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The selection where plants are that obtained from vegetative propagation is

1. Mass Selection
2. Clonal Selection
3. Pure line Selection
4. Progeny Selection

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 152 Question Id : 39226610272 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

In hybridization, the removal of stamens from female parents

1. Bagging
2. Emasculation
3. Rebagging
4. Tagging

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 153 Question Id : 39226610273 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

It is an innermost layer of cortex and cell walls are thickened with suberin bands

1. Endodermis
2. Pericycle
3. Exodermis
4. Epidermis

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 154 Question Id : 39226610274 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Find out the mismatched pair.

1. Radial vascular bundles – Roots
2. Collateral open type – Dicot stem
3. Bicollateral vascular bundles – Cucurbita
4. Concentric vascular bundles – Monocot stem

Options :

1. ✗ 1
2. ✗ 2
3. ✗ 3
4. ✓ 4

Question Number : 155 Question Id : 39226610275 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

It is inner most layer of anther and provide nourishment to developing pollen.

1. Epidermis
2. Endothecium
3. Middle layers
4. Tapetum

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 156 Question Id : 39226610276 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Ecosystem refers to

1. Several communities in particular area.
2. Interaction between biotic and abiotic components.
3. The sharp line between two communities.
4. The amount of inorganic substance in community.

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 157 Question Id : 39226610277 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Choose the correct statements about the detritus food chain

- a. It primarily starts with the consumption of dead organic matter
- b. It includes decomposers like Bacteria and Fungi
- c. It is more dependent on direct solar energy than the grazing food chain
- d. It plays a crucial role in nutrient recycling in forest and aquatic ecosystems

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

Options :

1. ✖ 1

2. ✖ 2

3. ✖ 3

4. ✔ 4

Question Number : 158 Question Id : 39226610278 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

This is the source of water available to plant roots.

1. Hygroscopic water
2. Capillary water
3. Gravitational water
4. Combined water

Options :

1. ✖ 1

2. ✔ 2

3. ✖ 3

4. ✖ 4

Question Number : 159 Question Id : 39226610279 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Choose the condition in which phenotypic ratio and genotypic ratios are always equal

- a. F_2 progeny of incomplete dominance
 - b. F_1 progeny of Back cross
 - c. F_2 progeny of co-dominance
 - d. F_1 progeny of test cross
1. a, c
 2. b, d
 3. a, c, d
 4. a, b, d

Options :

1. ✖ 1

2. ✖ 2

3. ✔ 3

4. ✖ 4

Question Number : 160 Question Id : 39226610280 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Select the correct sequence of enzymes involved in the electron transport system of aerobic respiration in mitochondria

- a. Cytochrome 'c' reductase
- b. Cytochrome 'c' oxidase
- c. NADH dehydrogenase
- d. Succinic dehydrogenase

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

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✔ 3
- 4. ✖ 4

Section 5

Section Id :	392266321
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 :	392266331
Question Shuffling Allowed :	Yes

Question Number : 161 Question Id : 39226610281 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

An example for vicarious experience

1. Aquarium
2. Respiratory mechanism model
3. Listening radio
4. Plant observation

Options :

1. ✖ 1

2. ✔ 2

3. ✖ 3

4. ✖ 4

Question Number : 162 Question Id : 39226610282 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The main purpose of redirection question is

1. Promote critical thinking
2. Making class be silent
3. Seeking correct answer
4. Increase pupil participation

Options :

1. ✖ 1

2. ✖ 2

3. ✖ 3

4. ✔ 4

Question Number : 163 Question Id : 39226610283 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Choose the correct pair

1. Kothari Commission - 1966
2. National Education Policy - 1992
3. National Curriculum Framework - 2009
4. State Curriculum Framework - 2005

Options :

1. ✔ 1

2. ✖ 2

3. ✖ 3

4. ✖ 4

Question Number : 164 Question Id : 39226610284 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

One of the following specifications does not belong to the objective 'application'.

1. Giving reasons
2. Predictions
3. Generalize
4. Classification

Options :

1. ✖ 1

2. ✖ 2

3. ✖ 3

4. ✔ 4

Question Number : 165 Question Id : 39226610285 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

One of the following does not come under substantive structure

1. Attitudes
2. Facts
3. Theories
4. Laws

Options :

1. ✔ 1

2. ✖ 2

3. ✖ 3

4. ✖ 4

Question Number : 166 Question Id : 39226610286 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

‘Comprehensive Structure of Science’ was explained by

1. H. Poincare, James. B. Conant
2. James.B. Conant, Jose. J. Schwab
3. Jose J. Schwab, Philip. H. Phenix
4. Philip. H. Phenix, H. Poincare

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 167 Question Id : 39226610287 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The ancient Greek word ‘Botanae’ means

1. Herb
2. Tree
3. Root
4. Plant

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 168 Question Id : 39226610288 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

One of the following is not related to science

1. Organaised knowledge
2. Way of life
3. Process and product
4. Branch of active involvement

Options :

1. ✖ 1

2. ✖ 2

3. ✖ 3

4. ✔ 4

Question Number : 169 Question Id : 39226610289 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

NIN : Robert Mc Carrison : : CCMB

1. John Telling wood
2. Mc. Lactare
3. Norman Borlaug
4. P.M. Bhargava

Options :

1. ✖ 1

2. ✖ 2

3. ✖ 3

4. ✔ 4

Question Number : 170 Question Id : 39226610290 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The International Agronomy laboratory established by the financial support of FAO and World Bank is

1. NIN
2. CCMB
3. ICRISAT
4. IICT

Options :

1. ✖ 1

2. ✖ 2

3. ✔ 3

4. ✖ 4

Question Number : 171 Question Id : 39226610291 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

These are also called as abstract goals

1. Values
2. Attitudes
3. Aptitudes
4. Dispositions

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 172 Question Id : 39226610292 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Choose the correct descending order of the following

- a. Aim
 - b. Goal
 - c. Objective
 - d. Specification
1. a, b, c, d
 2. b, a, d, c
 3. c, d, a, b
 4. b, a, c, d

Options :

1. ✗ 1
2. ✗ 2
3. ✗ 3
4. ✓ 4

Question Number : 173 Question Id : 39226610293 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

According to Fitz Patrick, scientific method is a kind of

1. Data collection method
2. Knowledge sharing method
3. Problem solving method
4. Observation method

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 174 Question Id : 39226610294 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

‘Formulate decisions based on research result’ is

1. Initial stage of scientific method
2. Scientific attitude
3. Cognitive value
4. Utilitarian value

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 175 Question Id : 39226610295 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

One of the following, need not to be entered in the teacher's dairy.

- a. Science club activities, Homework
 - b. Periods allotted for lab, Time table
 - c. Parents opinions
 - d. Health particulars of students
- 1. b, c
 - 2. a, c
 - 3. c, b
 - 4. c, d

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✔ 4

Question Number : 176 Question Id : 39226610296 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

A biology teacher explains purchasing capacity of families in the lesson aqua culture. Here the correlation is in between

- 1. Biology - Sociology
- 2. Biology - Geology
- 3. Biology - Economics
- 4. Biology - History

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✔ 3
- 4. ✖ 4

Question Number : 177 Question Id : 39226610297 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The ability to apply the principles of Science in school and society is this type of competency of teacher

1. Professional practice competency
2. Inquiry competency
3. Curriculum competency
4. Assessment competency

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 178 Question Id : 39226610298 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

One of the following is not an individual objective

1. Physical development
2. Cognitive development
3. Social development
4. Economic development

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 179 Question Id : 39226610299 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

‘Taxonomy of Educational Objectives’ is written by

1. Elizabeth Simpson
2. R.H. Dewey
3. Krathwohl
4. Benjamin Bloom

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 180 Question Id : 39226610300 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

One of the following is not a characteristic feature of general objectives

1. Change is evident on student
2. Difficult to evaluate
3. Formulated according to social needs
4. takes Long time to achieve

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 181 Question Id : 39226610301 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

A student recognises medicinal plant in the garden, this is

- a. Understanding
 - b. Knowledge
 - c. Application
 - d. Evaluation
1. a, d
 2. b, c
 3. b, d
 4. c, d

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 182 Question Id : 39226610302 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

One of the following is not in cognitive domain

1. Evaluation
2. Imitation
3. Analysis
4. Knowledge

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 183 Question Id : 39226610303 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

According to Anderson's Taxonomy of Educational Objectives one of the following is not under cognitive process dimension

1. Creating
2. Evaluating
3. Assessing
4. Analyzing

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 184 Question Id : 39226610304 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The ability of the student to prioritize a value over another and create a unique value system is known as

1. Organization
2. Valuing
3. Characterization
4. Synthesis

Options :

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

Question Number : 185 Question Id : 39226610305 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

In the year 1937, Carl Pearson proposed certain steps for this method

1. Lecture method
2. Scientific method
3. Discovers method
4. Project method

Options :

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

Question Number : 186 Question Id : 39226610306 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Choose the correct statement

- a. Aristotle used the Greek word 'epagoge'
 - b. Cicero translated it as the Latin word 'Inducto'
 - c. Cicero Bacon named it as 'Method of Inductivism'
- 1. a, c
 - 2. a, b, c
 - 3. b, c
 - 4. a, b

Options :

- 1. ✖ 1
- 2. ✔ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 187 Question Id : 39226610307 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

This concept was developed based on the John Dewey's 'Theory of Experience'

- 1. Lecture method
- 2. Project method
- 3. Experimental method
- 4. Heuristic method

Options :

- 1. ✖ 1
- 2. ✔ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 188 Question Id : 39226610308 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

According to Lester. B. Stand, lesson plan includes

- a. Teachers knowledge of philosophy
 - b. Teachers understanding about pupils
 - c. Teacher ability to use different methods
- 1. a, b
 - 2. b, c
 - 3. a, c
 - 4. a, b, c

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✔ 4

Question Number : 189 Question Id : 39226610309 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Micro teaching provides immediate feedback on teaching and learning by using CCTV's. It is defined by

- 1. Mc. Allen & Urwin
- 2. Urwin & Eve
- 3. Allen & Urwin
- 4. Allen & Eve

Options :

- 1. ✔ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 190 Question Id : 39226610310 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The angle between black board and teacher is

1. 90°
2. 180°
3. 45°
4. 70°

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 191 Question Id : 39226610311 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

This is most prioritised step among Herbartian steps

1. Introduction
2. Presentation
3. Generalisation
4. Application

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 192 Question Id : 39226610312 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Constructivist approach is recommended by

1. NEP - 1986
2. NEP - 1992
3. NCP - 2005
4. NEP - 2020

Options :

1. ✖ 1

2. ✖ 2

3. ✔ 3

4. ✖ 4

Question Number : 193 Question Id : 39226610313 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

According to W.H. Kilpatrick classification, one of the following is not a type of project.

1. Productive project
2. Consumer project
3. Problem project
4. Aesthetic project

Options :

1. ✖ 1

2. ✖ 2

3. ✖ 3

4. ✔ 4

Question Number : 194 Question Id : 39226610314 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

This Scientist to define curriculum, teacher as an artist, student as a material and school as studio.

1. Murry
2. Cunningham
3. Spiears
4. Chambarlin

Options :

1. ✖ 1

2. ✔ 2

3. ✖ 3

4. ✖ 4

Question Number : 195 Question Id : 39226610315 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

According to Edward Victor, one of the following is NOT a prerequisite of Science education programme

1. Correlation
2. Balance
3. Onetime assessment
4. Variation in activities

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 196 Question Id : 39226610316 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

“Instead of inserting child in curriculum, it is advised to develop curriculum to meet the needs of a child.” It is stated by

1. Burgman
2. Brunner
3. Brubaker
4. Conningham

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 197 Question Id : 39226610317 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

According to Hunter's score card evaluation, a good text book score is

1. More than 60%
2. More than 68%
3. More than 50%
4. More than 62%

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 198 Question Id : 39226610318 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Our State syllabus Primary textbooks are developed by this approach

1. Psychological approach
2. Uni centric approach
3. Logical approach
4. Spiral approach

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 199 Question Id : 39226610319 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Laboratory order register contains entries of

1. Unbreakable stock
2. Breakable stock
3. Consumable stock
4. All purchases

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 200 Question Id : 39226610320 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

“Sensory organs are the gateways of knowledge.” It is stated by

1. Erasmus
2. Comenius
3. Jackson
4. Montessori

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4