

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 1
Subject Name :	TGT NL Science
Creation Date :	2025-06-25 13:30:30
Duration :	150
Total Marks :	80
Display Marks:	No
Change Font Color :	No
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TGT NL Science

Group Number :	1
Group Id :	392266116
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 :	392266605
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 :	392266675

Question Shuffling Allowed :

Yes

Question Number : 1 Question Id : 39226619201 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The first Indian who received the Ramon Magsaysay award for his contribution to community leadership was

1. Verghese Kurien
2. Santha Sinha
3. Jaya Prakash Narayan
4. Acharya Vinoba Bhave

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 2 Question Id : 39226619202 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

In this Indian state, the Lai Haraoba festival (Festivity for Gods) is celebrated

1. Kerala
2. Andhra Pradesh
3. Manipur
4. Karnataka

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 3 Question Id : 39226619203 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

The capital of Bhutan, known for its monasteries and Gross National Happiness

1. Thimpu
2. Nay Pyi Taw
3. Beijing
4. Wuhan

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 4 Question Id : 39226619204 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Prime Minister of India met different countries heads in G-7 Summit. Choose correct answer

- | | |
|-------------|----------------------|
| i. France | a. Claudia Sheinbaum |
| ii. Croatia | b. Emmanuel Macron |
| iii. Mexico | c. Mark Carney |
| iv. Canada | d. Andrej Plenkovic |

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

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 5 Question Id : 39226619205 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

18th Pravasi Bharatiya Divas Convention was held
on January 8th to 10th, 2025 in

1. Mysuru
2. Bhubaneswar
3. Prayag Raj
4. Udaipur

Options :

1. ✖ 1

2. ✔ 2

3. ✖ 3

4. ✖ 4

Question Number : 6 Question Id : 39226619206 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Choose correct answer

- | | |
|--------------------------------|----------------|
| i. Bandipur National Park | a. Karnataka |
| ii. Balphakram Sanctuary | b. Meghalaya |
| iii. Jim Corbett National Park | c. Uttarakhand |
| iv. Hazaribagh National Park | d. Jharkhand |

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

Options :

1. ✖ 1

2. ✖ 2

3. ✖ 3

4. ✔ 4

Question Number : 7 Question Id : 39226619207 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Choose correct answer regarding newspaper and its founder

- | | |
|------------------------|------------------------------|
| i. Samvad Kaumudi | a. Isawar Chandra Vidyasagar |
| ii. Som Prakash | b. Sir Syed Ahmad Khan |
| iii. Tahzeeb-ul-Akhlaq | c. Abul Kalam Azad |
| iv. Al - Hilal | d. Ram Mohan Roy |

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

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 8 Question Id : 39226619208 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Jinnah's two nation theory was adopted as the

1. Karachi resolution
2. Lahore resolution
3. Dhaka resolution
4. Calcutta resolution

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 9 Question Id : 39226619209 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Choose correct answer regarding AI developments

- | | |
|--|------------|
| i. The generative artificial intelligence Chatbot developed by google | a. LLaMa |
| ii. The name of IBM's Commercial generative AI, Scientific data platform | b. Gemini |
| iii. The name of large language model developed by Meta AI division | c. Watsonx |
-
- | | | |
|----------|--------|---------|
| 1. i – a | ii – b | iii – c |
| 2. i – b | ii – c | iii – a |
| 3. i – c | ii – a | iii – b |
| 4. i – b | ii – a | iii – c |

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 10 Question Id : 39226619210 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Match the following

- | | | | |
|------|--------------|----|-------------------------|
| i. | May 11 | a. | World Heart Day |
| ii. | July 1 | b. | National Technology Day |
| iii. | September 29 | c. | Olympic Day |
| iv. | June 23 | d. | Doctor's Day |

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

Options :

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

Question Number : 11 Question Id : 39226619211 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Choose incorrect statement regarding Indian currency

1. Indian currency notes are printed at Nashik, Dewas, Mysuru and Hyderabad.
2. Dr. Monmohan Singh is the only Prime Minister of India who have signature on Indian currency note.
3. D. Udaya Kumar designed symbol of Indian rupee
4. Currency note paper is made from 100% cotton

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 12 Question Id : 39226619212 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

‘Pradhan Mantri Ujjwala Yojana’ is meant for

1. Scholarships for rural girl children
2. Women empowerment
3. Safe drinking water
4. Distribution of free LPG connections

Options :

1. ✗ 1
2. ✗ 2
3. ✗ 3
4. ✓ 4

Question Number : 13 Question Id : 39226619213 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Match Country with its Capital

- | | |
|--------------|---------------|
| i. Australia | a. Muscat |
| ii. Cambodia | b. Canberra |
| iii. Canada | c. Phnom Penh |
| iv. Oman | d. Ottawa |

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

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 14 Question Id : 39226619214 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Plastic used in manufacturing milk packets is

1. Polypropylene
2. Polystyrene
3. Teflon
4. Polyethylene

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 15 Question Id : 39226619215 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Kyoto Protocol is related to

1. Communicable diseases
2. Financial management
3. Industrial revolution
4. Global warming

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 16 Question Id : 39226619216 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Under Atma Nirbhar Bharat, India made agreement with this country for the development of Pantsir Missile System to defend against aerial threats

1. Israel
2. France
3. America
4. Russia

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 17 Question Id : 39226619217 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The Payload introduced in an orbit by PSLV-C60 in December 2024 was

1. Nirvan-V - O
2. Swetcha SAT-V-O
3. Chaser-V-O
4. Target-V-O

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 18 Question Id : 39226619218 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

International Skating Championship winner and the PM Rasthriya Bala Puraskar – 2025 awardee is

1. Zaira Wasim
2. Jyoti Kumari
3. Jessy Raj Mathrapu
4. Vaishali Ramesh Babu

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 19 Question Id : 39226619219 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Choose correct answer

- a. Name of the National Narcotics helpline launched on 18-7-2024 - MANAS
 - b. Name of the project launched by Indian Language literature in higher Education on 17-7-2024 - ASMITA
- 1. a - correct
 - 2. b - correct
 - 3. a, b - correct
 - 4. a, b - incorrect

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✔ 3
- 4. ✖ 4

Question Number : 20 Question Id : 39226619220 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Objective of Pradhan Mantri Vanbandhu Kalyan Yojana

- 1. Protection of flora and fauna in forest
- 2. Increasing forest area
- 3. Upliftment of tribal communities through sustainable development
- 4. Provide medical facilities in tribal areas

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✔ 3
- 4. ✖ 4

Section 2

Section Id :	392266606
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 :	392266676
Question Shuffling Allowed :	Yes

Question Number : 21 Question Id : 39226619221 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Adequate incentives and Grants in – Aid should be provided to private institutions to establish schools was first proposed by

1. University Education Committee 1902
2. Woods Report
3. Charter Act
4. Indian Education Commission 1882

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 22 Question Id : 39226619222 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

In the Buddhist educational system, the teacher must have lived the life of a monk for atleast these many years

1. 10
2. 15
3. 5
4. 20

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 23 Question Id : 39226619223 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

The percentage of seats reserved for children with special needs in Jawahar Navodhaya School

1. 5%
2. 10%
3. 8%
4. 3%

Options :

1. ✗ 1
2. ✗ 2
3. ✗ 3
4. ✓ 4

Question Number : 24 Question Id : 39226619224 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

NIEPA stands for

1. National Institute of Educational Progress and Assessment
2. National Institute of Educational Planning and Administration
3. National Institute of Elementary and Primary Education
4. National Institute for Empowering Primary schools and Assessment

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 25 Question Id : 39226619225 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Article in the Indian Constitution that guarantees the provision of equal opportunities is

1. Article 13
2. Article 23
3. Article 16
4. Article 26

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 26 Question Id : 39226619226 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

According to the RTE-2009 Act, the teacher pupil ratio of a primary school with more than 200 students is

1. 1 : 40
2. 1 : 30
3. 1 : 25
4. 1 : 45

Options :

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

Question Number : 27 Question Id : 39226619227 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

According to NEP – 2020, every child will attain Foundational Literacy and Numeracy by this grade

1. 4th grade
2. 3rd grade
3. 2nd grade
4. 5th grade

Options :

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

Question Number : 28 Question Id : 39226619228 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The curriculum contains content, teaching methods and purpose, the interaction of these three dimensions is

1. Assessed Curriculum
2. Explicit Curriculum
3. Operational Curriculum
4. Implicit Curriculum

Options :

1. ✖ 1

2. ✖ 2

3. ✔ 3

4. ✖ 4

Question Number : 29 Question Id : 39226619229 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

This is NOT a recommendation of NCF-2005 regarding examination

1. Making examinations more flexible.
2. Integrating examinations with classroom life.
3. Conducting by high standard tests frequently.
4. Reducing the emphasis on rote learning in examination.

Options :

1. ✖ 1

2. ✖ 2

3. ✔ 3

4. ✖ 4

Question Number : 30 Question Id : 39226619230 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

This Article of the UNCRC state that children should be granted freedom of expression

1. Article - 11
2. Article - 17
3. Article - 13
4. Article - 8

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Section 3

Section Id :	392266607
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 :	392266677
Question Shuffling Allowed :	Yes

Question Number : 31 Question Id : 39226619231 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Consolidation is

1. The process of recalling old memories over a period of time.
2. The process of forming new memories.
3. The process of strengthening and stabilizing memories during first minutes of learning.
4. The process of organization of short term memory into working memory during the first minute of learning.

Options :

1. ✖ 1

2. ✖ 2

3. ✔ 3

4. ✖ 4

Question Number : 32 Question Id : 39226619232 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

One of the most significant social determinant that influences personality is

1. Customs believes and rituals
2. Parenting style
3. Internalisation of values
4. Physical health

Options :

1. ✖ 1

2. ✔ 2

3. ✖ 3

4. ✖ 4

Question Number : 33 Question Id : 39226619233 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The first mode of representation in learning in Bruner's theory of Instruction is

1. Enactive method
2. Iconic method
3. Symbolic method
4. Logical method

Options :

1. ✓ 1

2. ✗ 2

3. ✗ 3

4. ✗ 4

Question Number : 34 Question Id : 39226619234 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Rubrics is

1. A list of questions to test students' knowledge.
2. A grading scale used for assigning letter grades.
3. A tool used to evaluate students' performance based on specific criteria with instructions.
4. A standardized test used for national level assessment.

Options :

1. ✗ 1

2. ✗ 2

3. ✓ 3

4. ✗ 4

Question Number : 35 Question Id : 39226619235 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

According to Freud's Personality Development Theory, the psychic structure shaped by early childhood experiences is

1. Super ego
2. Libido
3. Id
4. Ego

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 36 Question Id : 39226619236 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

A boy is more absorbed in painting than academics. Later he experienced the beauty of it and continued painting as his profession. The following psychologists definition of Interest is more relevant to this illustration

1. Stanly Hall
2. Drever J
3. Bingham W.V.D
4. Wood worth R.S

Options :

1. ✗ 1
2. ✗ 2
3. ✓ 3
4. ✗ 4

Question Number : 37 Question Id : 39226619237 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Quartile deviation can be calculated in this situations

- a. Ambiguity in minimum and maximum values
 - b. Low Range condition
 - c. High deviation condition
1. a, c
 2. a, b
 3. b, c
 4. a, b, c

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 38 Question Id : 39226619238 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The concept of perceptual reorganization is seen in

1. Social Learning Theory
2. Bruner's Theory of Instruction
3. Thorndike's Law of learning
4. Insightful Learning

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 39 Question Id : 39226619239 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

The term 'Projection' was first proposed by

1. Herman Roschach
2. Erik Erickson
3. Frank
4. Sigmund Freud

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 40 Question Id : 39226619240 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Sociometry is used to assess

1. Aptitude
2. Interest
3. Habits
4. Attitude

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Section 4

Section Id :	392266608
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 : 392266678
Question Shuffling Allowed : Yes

Question Number : 41 Question Id : 39226619241 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Statement (A): The unit of electric power consumption
is equal to 1KJ/S

Statement (B): $1 \text{ KWH} = 3.6 \times 10^5 \text{ J}$

1. Both statements A and B are correct
2. Both statements A and B are incorrect
3. Statement A is correct and statement B is incorrect
4. Statement A is in correct and statement B correct

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 42 Question Id : 39226619242 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

The SI unit of magnetic flux density is

1. Tesla
2. Weber
3. Oersted
4. Weber/sec

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 43 Question Id : 39226619243 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

- A: A straw rubbed with paper repels another straw rubbed with a sheet of paper
- R: The two straws acquire same charges
1. Both A and R are true and R is correct reason for A
 2. Both A and R are true and R is not a correct reason for A
 3. A is false and R is true
 4. Both A and R are false

Options :

1. ☒ 1
2. ☐ 2
3. ☐ 3
4. ☐ 4

Question Number : 44 Question Id : 39226619244 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Characteristics of an image formed by a convex mirror is

1. Virtual, erect and magnified
2. Real, inverted and same size
3. Real, inverted and diminished
4. Virtual, erect and diminished

Options :

1. ☐ 1
2. ☐ 2
3. ☐ 3
4. ☒ 4

Question Number : 45 Question Id : 39226619245 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The heat energy required to change 100gm of ice at -10°C to water at 0°C is

1. 8000cal
2. 8050cal
3. 8500cal
4. 8005cal

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 46 Question Id : 39226619246 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

An echo is heard from a hill after 4 sec, then the hill is at a distance of (speed of sound = 344 ms^{-1})

1. 1376m
2. 688m
3. 344m
4. 86m

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 47 Question Id : 39226619247 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The work done by the boy of mass 50kg climbs a tree of height 500cm is ($g=10\text{ ms}^{-2}$)

1. 5000Nm
2. 2500Nm
3. $2.5 \times 10^5 \text{Nm}$
4. $2.5 \times 10^4 \text{Nm}$

Options :

1. ✖ 1

2. ✔ 2

3. ✖ 3

4. ✖ 4

Question Number : 48 Question Id : 39226619248 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The height of the tree, when a coconut falling from the tree reaches the ground in 5 sec is ($g = 10\text{ ms}^{-2}$)

1. 50m
2. 100m
3. 125m
4. 250m

Options :

1. ✖ 1

2. ✖ 2

3. ✔ 3

4. ✖ 4

Question Number : 49 Question Id : 39226619249 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Car started from rest : non-uniform motion :: Fan with constant speed :

1. Uniform translatory motion
2. Non uniform translatory motion
3. Uniform circular motion
4. Non-Uniform circular motion

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 50 Question Id : 39226619250 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

$1 \text{ Cal } g^{-1} . ^\circ C^{-1}$ is equals to

1. $4.186 \times 10^3 \text{ J Kg}^{-1} K^{-1}$
2. $4.186 \times 10^3 \text{ J g}^{-1} K^{-1}$
3. $4.186 \text{ J Kg}^{-1} K^{-1}$
4. $4.186 \times 10^6 \text{ J Kg}^{-1} K^{-1}$

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 51 Question Id : 39226619251 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

This is NOT true

1. The outer most layer of earth contains plates which are in continual motion
2. The weak zones where earthquake are more likely to occur are seismic zones
3. The power of a earthquake is expressed in terms of a magnitude on Richter scale
4. Richter scale is linear

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 52 Question Id : 39226619252 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The angle between Earth's equatorial plane and orbital plane is

1. 23.5°
2. 67.5°
3. 90°
4. 0°

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 53 Question Id : 39226619253 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The characteristics of the image formed when an object is placed at 30cm in front of a converging lens of focal length 15cm is

1. At 15cm, small size, real and inverted image
2. At 15cm, large size virtual and erect image
3. At 30cm, same size, real and inverted image
4. At 60cm, small size, virtual and erect image

Options :

1. ✖ 1

2. ✖ 2

3. ✔ 3

4. ✖ 4

Question Number : 54 Question Id : 39226619254 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Match the following

- | | |
|-----------------------|------------------|
| i) 20Hz to 20 KHz | A) Ultrasonics |
| ii) Less than 20Hz | B) Audible sound |
| iii) More than 20 KHz | C) Infrasonics |

1. i – C, ii – B, iii – A
2. i – B, ii – A, iii – C
3. i – B, ii – C, iii – A
4. i – C, ii – A, iii – B

Options :

1. ✖ 1

2. ✖ 2

3. ✔ 3

4. ✖ 4

Question Number : 55 Question Id : 39226619255 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

This is NOT related to radiation

1. Transfer of heat from the Sun to the Earth
2. The temperature of water in black coloured vessel is more than the water in white coloured vessel
3. Medium is not required for propagation
4. Transfer of heat in copper rod

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 56 Question Id : 39226619256 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Avogadro number : 6.02×10^{23} :: Boltzmann constant : _____

1. $1.38 \times 10^{23} JK$
2. $1.38 \times 10^{-23} JK$
3. $1.38 \times 10^{-1} JK$
4. $1.38 \times 10^{-23} JK^{-1}$

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 57 Question Id : 39226619257 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Two spherical balls each of mass 1 kg are placed 1m apart, the gravitational force of attraction between them is

1. $G/2$
2. $2G$
3. $G/4$
4. G

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 58 Question Id : 39226619258 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Statement (A): Meniscus is concave in shape for water

Statement (B): Meniscus is convex in shape for mercury

1. Statements A & B both are false
2. Statements A & B both are true
3. Statement A is true and B is false
4. Statement A is false and B is true

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 59 Question Id : 39226619259 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Dimensional formula of power is

1. ML^2T^{-2}
2. MT^{-2}
3. $M^2L^2T^{-3}$
4. ML^2T^{-3}

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 60 Question Id : 39226619260 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The length of a seconds pendulum is

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

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 61 Question Id : 39226619261 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

This is NOT a sulphide ore

1. Zinc blende
2. Cinnabar
3. Galena
4. Zincite

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 62 Question Id : 39226619262 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The prefix and suffix used for the functional group ketone are

1. Hydroxy, one
2. Oxy, one
3. Oxo, one
4. Oxo, oate

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 63 Question Id : 39226619263 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

The ideal fuel among the following is

1. Petrol
2. CNG
3. LPG
4. Hydrogen

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 64 Question Id : 39226619264 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

This is NOT the correct statement regarding pole star

1. It is situated in the direction of earth's axis
2. It appears to move towards north
3. Pole star is not visible from southern hemisphere
4. We can locate the position of pole star

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 65 Question Id : 39226619265 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

40g. of salt is dissolved in 400g. of its aqueous solution, then the mass percentage of solution is

1. 11.1%
2. 9.09%
3. 10%
4. 16%

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 66 Question Id : 39226619266 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Quantum mechanical model of atom was developed by

1. Bohr
2. Sommerfeld
3. Schrodinger
4. Plank

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 67 Question Id : 39226619267 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

The energy required to remove an electron from uni positive ion of the atom of an element is

1. First Ionisation energy
2. Electron affinity
3. Penetrating power
4. Second Ionisation energy

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 68 Question Id : 39226619268 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

The correct order of repulsive force between electron pairs

1. Lone pair – lone pair > lone pair – bond pair > bond pair – bond pair
2. Lone pair – bond pair > lone pair – lone pair > bond pair – bond pair
3. bond pair – bond pair > bond pair – lone pair > lone pair – lone pair
4. Lone pair – bond pair > bond pair – bond pair > lone pair – lone pair

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 69 Question Id : 39226619269 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Sulphur dioxide (SO_2) dissolves in water to form

1. Sulphuric acid
2. Sulphurous acid
3. Disulphuric acid
4. Sulphur trioxide

Options :

1. ✖ 1

2. ✔ 2

3. ✖ 3

4. ✖ 4

Question Number : 70 Question Id : 39226619270 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Raw material that is NOT required for the preparation of Nylon is

1. Coal
2. Coke
3. Water
4. Air

Options :

1. ✖ 1

2. ✔ 2

3. ✖ 3

4. ✖ 4

Question Number : 71 Question Id : 39226619271 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

This is also called as 'black gold'

1. Coal
2. Coke
3. Petrol
4. Petroleum

Options :

1. ✖ 1

2. ✖ 2

3. ✖ 3

4. ✔ 4

Question Number : 72 Question Id : 39226619272 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Wrong statement from the following

1. Plants absorb and release oxygen
2. Plants absorb only carbondioxide and release only oxygen
3. Plants absorb and release carbondioxide
4. Plants absorb oxygen and release carbondioxide during nights

Options :

1. ✖ 1

2. ✔ 2

3. ✖ 3

4. ✖ 4

Question Number : 73 Question Id : 39226619273 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Incomplete combustion of wood, coal and petroleum releases large amount of

1. CO_2
2. CO
3. O_2
4. O_3

Options :

1. ✖ 1

2. ✔ 2

3. ✖ 3

4. ✖ 4

Question Number : 74 Question Id : 39226619274 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The salt formed when a strong base reacts with a weak acid is

1. Acidic in nature with pH value greater than 7
2. Basic in nature with pH value greater than 7
3. Acidic in nature with pH value less than 7
4. Basic in nature with pH value less than 7

Options :

1. ✖ 1

2. ✔ 2

3. ✖ 3

4. ✖ 4

Question Number : 75 Question Id : 39226619275 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The carboxylic acid used to preserve pickles is

1. Methanoic acid
2. Ethanoic acid
3. Propanoic acid
4. Butanoic acid

Options :

1. ✖ 1

2. ✔ 2

3. ✖ 3

4. ✖ 4

Question Number : 76 Question Id : 39226619276 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Value of ' m_l ' that is NOT possible for $l = 2$ is

1. 0
2. 1
3. 2
4. 5

Options :

1. ✖ 1

2. ✖ 2

3. ✖ 3

4. ✔ 4

Question Number : 77 Question Id : 39226619277 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The type of hybridization present in PCl_5 is

1. SP^2
2. SP^3
3. SP^3d
4. SP^3d^2

Options :

1. ✖ 1

2. ✖ 2

3. ✔ 3

4. ✖ 4

Question Number : 78 Question Id : 39226619278 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Mass of Na_2CO_3 required to prepare 500ml of 0.1N solution

1. 2.65g
2. 5.30g
3. 26.5g
4. 53g

Options :

1. ✔ 1

2. ✖ 2

3. ✖ 3

4. ✖ 4

Question Number : 79 Question Id : 39226619279 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

The general electron configuration of d-block elements is

1. $ns^{1-2}nd^{1-10}$
2. $(n-1)d^{1-10}ns^{1-2}$
3. $(n-1)d^{1-10}ns^1$
4. $nd^{10}ns^2$

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 80 Question Id : 39226619280 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

This is NOT true related to amino acids

1. These are usually colourless
2. These are water soluble
3. Low melting solids
4. Behaves like salts

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 81 Question Id : 39226619281 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

High concentration of DDT in aqua resources leads to

1. Enhances birds immune system
2. Increases reproductive rate in birds
3. Disturb calcium metabolism in fish eating birds
4. Improves birds flying ability

Options :

1. ✖ 1

2. ✖ 2

3. ✔ 3

4. ✖ 4

Question Number : 82 Question Id : 39226619282 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Sodium metabisulphite is commonly used as

1. Preservative
2. Cooling agent
3. Sedative
4. Anti Coagulant

Options :

1. ✔ 1

2. ✖ 2

3. ✖ 3

4. ✖ 4

Question Number : 83 Question Id : 39226619283 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The term 'Hormone' was coined by

1. Langerhans
2. Starling
3. F.W. Went
4. Banting

Options :

1. ✖ 1

2. ✔ 2

3. ✖ 3

4. ✖ 4

Question Number : 84 Question Id : 39226619284 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

These absorb sewage water rapidly and release pure water vapour

1. Neem trees
2. Subabul trees
3. Eucalyptus trees
4. Tamarind trees

Options :

1. ✖ 1

2. ✖ 2

3. ✔ 3

4. ✖ 4

Question Number : 85 Question Id : 39226619285 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Identify the 'Rabi crops'

1. Paddy, cotton, wheat, soya bean
2. Wheat, pea, cotton, groundnut
3. Paddy, cotton, soya bean, ground nut
4. Wheat, pea, gram, mustard

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 86 Question Id : 39226619286 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Identify the wrong statement

1. Roughage is mainly provided by plant products
2. Dietary fibres provide sufficient nutrients to our body.
3. Dietary fibre is an essential component in our food.
4. Dietary fibres adds its bulk to the food.

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 87 Question Id : 39226619287 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The enzyme that catalyzes the condensation of acetyl group with OAA is

1. ISO citric dehydrogenase
2. Succinic thiokinase
3. Citrate synthetase
4. PEP carboxylase

Options :

1. ✖ 1

2. ✖ 2

3. ✔ 3

4. ✖ 4

Question Number : 88 Question Id : 39226619288 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

This plant modification is NOT suitable to avoid transpiration

1. The leaves are absent
2. The leaves modified as spines
3. The leaves are large in size.
4. The stem is covered with thick waxy layer

Options :

1. ✖ 1

2. ✖ 2

3. ✔ 3

4. ✖ 4

Question Number : 89 Question Id : 39226619289 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

The law that was NOT proposed by Mendal

1. Law of Dominance
2. Law of Segregation
3. Law of Independent Assortment
4. Law of Responsible Alleles

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 90 Question Id : 39226619290 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

The biogenetic Law (or) Theory of recapitulation was proposed by

1. Von Baer
2. H.F. Nuttal
3. Ernst Haeckel
4. Lamark

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 91 Question Id : 39226619291 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Find the mismatched pair

1. Radish - Root
2. Ginger - Corn
3. Strawberry - Stolens
4. Potato - Tuber

Options :

1. ✖ 1

2. ✔ 2

3. ✖ 3

4. ✖ 4

Question Number : 92 Question Id : 39226619292 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

This is NOT the function of Diencephalon

1. Maintains postures equilibrium and muscle tone.
2. Relay centers for sensory impulses like pain, temperature etc.
3. Center for blood pressure, sleep etc.
4. Reflex centre for muscular activities.

Options :

1. ✔ 1

2. ✖ 2

3. ✖ 3

4. ✖ 4

Question Number : 93 Question Id : 39226619293 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Conservation of traditional tribal life is encouraged in

1. Protected area
2. Wild life sanctuary
3. National park
4. Biosphere Reserve

Options :

1. ✖ 1

2. ✖ 2

3. ✖ 3

4. ✔ 4

Question Number : 94 Question Id : 39226619294 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

This scientist conducted the experiment on Hydrilla plant regarding formation of oxygen

1. Joseph Priestly
2. Jan Ingenhousz
3. Engelman
4. Caventou

Options :

1. ✖ 1

2. ✔ 2

3. ✖ 3

4. ✖ 4

Question Number : 95 Question Id : 39226619295 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

The production of sex hormones is under the control of

1. Adrenal gland
2. Pituitary gland
3. Pineal gland
4. Thyroid gland

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 96 Question Id : 39226619296 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Drip Irrigation system can reduce water consumption by

1. 70%
2. 50%
3. 90%
4. 20%

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 97 Question Id : 39226619297 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Ecological pyramid was first introduced by

1. Elton Jones in 1927
2. Arthur Tansley 1921
3. Charles Elton in 1927
4. Elton Jones in 1921

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 98 Question Id : 39226619298 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

This zone is called as “zone of compensation” in lake ecosystem

1. Littoral zone
2. Profundal zone
3. Limnetic zone
4. Pedonic zone

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 99 Question Id : 39226619299 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Plants with weak stems that can't stand upright, but spread on the ground are

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

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 100 Question Id : 39226619300 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Assertion (A): Vasopressin hormone maintains osmotic concentration of body fluids.

Reason (B): Deficiency of Vasopressin leads to excessive, repeated and dilute urination.

1. A is correct and R is incorrect
2. A is incorrect and R is correct explanation
3. Both A and R are correct, R is correct explanation
4. Both A and R are incorrect

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 101 Question Id : 39226619301 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

This joint allows us to bend our head forward and backward turn head to right or left

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

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 102 Question Id : 39226619302 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

The scientific name of Rock bee

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

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 103 Question Id : 39226619303 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

The primary detoxification organ of human body is

1. Kidneys
2. Spleen
3. Liver
4. Lungs

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 104 Question Id : 39226619304 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

As the chlorophyll is absent, these living organisms can grow only on dead and decay matter

1. Cyanobacteria
2. Insectivores
3. Algae
4. Fungi

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 105 Question Id : 39226619305 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Correct statement regarding Pasteurisation

1. In this method, milk is heated to about 70°C for 40 - 55 seconds
2. In this method, milk is heated to about 80°C for 15 - 30 seconds
3. In this method, milk is heated to about 80°C for 40 - 55 seconds
4. In this method, milk is heated to about 70°C for 15 - 30 seconds

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 106 Question Id : 39226619306 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Assertion(A) : The partial breaking down of glucose produces lactic acid

Reason(R): Accumulation of lactic acid causes muscle cramps

1. A is correct and R is incorrect
2. A is incorrect and R is correct
3. A is correct and R is the correct explanation of A
4. A is correct and R is an incorrect explanation of A

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 107 Question Id : 39226619307 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Identify the correct pair

- | | | | |
|----|---------------------|---|--------------|
| 1. | Unit of inheritance | - | Amoeba |
| 2. | Prokaryotic cells | - | Fungi cell |
| 3. | Pseudopodia | - | Paramecium |
| 4. | Plastids | - | Tradescantia |

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✔ 4

Question Number : 108 Question Id : 39226619308 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Cuboidal epithelium is found in

- 1. Oesophagus and the lining of the mouth
- 2. In the inner lining of the intestine
- 3. In the respiratory tract and internal ear
- 4. Lining of kidney tubules and ducts of salivary glands

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✔ 4

Question Number : 109 Question Id : 39226619309 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

The cell organelle that is involved in the supply of enzymes to Lysosomes is

1. Rough endoplasmic reticulum
2. Smooth endoplasmic reticulum
3. Golgi Apparatus
4. Mitochondrion

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 110 Question Id : 39226619310 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Location of Mitral valve

1. Between left atrium and left ventricle
2. Between right atrium and right ventricle
3. Between left Atrium and right atrium
4. Between right ventricle and left ventricle

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 111 Question Id : 39226619311 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Find the INCORRECT statement among the following

1. Lactobacilus produce acids that coagulate and partially digest the milk proteins
2. Lactic Acid Bacteria multiplication increases vitamin B₁₂ in curd
3. Lactic Acid Bacteria is a probiotic
4. Large amount of Lactic Acid Bacteria causes disease

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 112 Question Id : 39226619312 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Transformation mode of bacterial genetic recombination was discovered by

1. Lederberg & Zinder
2. Frederick Griffith
3. Alfred Sturtevant
4. Ehrenberg

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 113 Question Id : 39226619313 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

The enzyme that is responsible for CO₂ fixation in C₄ plants

1. RuBP carboxylase
2. PEP carboxylase
3. Phosphoglycerokinase
4. Transketolase

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 114 Question Id : 39226619314 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

‘The Quasi-fluid nature of lipid enables lateral movement of proteins within the overall bilayer’, this concept is explained by

1. Roberson
2. Porter
3. Singer and Nicolson
4. G. Palade

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 115 Question Id : 39226619315 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Edible part of *Arthocarpus integrifolia*

1. Cotyledens
2. Succulent perianth
3. Fleshy peduncle
4. Fleshy thalamus

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 116 Question Id : 39226619316 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

This is NOT the condition applicable for Hardy-weinberg equilibrium with regard to Allele frequencies in a population

1. Size of population should be small
2. Mating should be random
3. No natural selection
4. Population should be homogenous in age

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 117 Question Id : 39226619317 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

The embryo stage that is ready to transfer during in - vitro Fertilization (IVF-ET)

1. 20 Blastomeres stage
2. 10 Blastomeres stage
3. 8 Blastomeres stage
4. 12 Blastomeres stage

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 118 Question Id : 39226619318 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

The plants showing hallucinogenic properties

1. Cinchona, Azadirachta
2. Chamomile, Withania
3. Atropa belladonna, Datura
4. Plantago, Parthenium

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 119 Question Id : 39226619319 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

The animals which live in cold regions have large body size with great mass. This is

1. Allen's rule
2. Bergmann's rule
3. Cyclomorphosis
4. Thermoregulation

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 120 Question Id : 39226619320 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

This stage of *Entamoeba histolytica* shows cartwheel shaped nucleus

1. Precystic stage
2. Trophozoite stage
3. Cystic stage
4. Erythrocytic stage

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Section 5

Section Id :	392266609
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 : 392266679
Question Shuffling Allowed : Yes

Question Number : 121 Question Id : 39226619321 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

“Science is an organised knowledge, especially when obtained by observation and testing of facts about the physical world, natural laws and society,” this statement was given by

1. Frederic Fitzpatrick
2. Oxford Advanced Learner's Dictionary
3. Carl Pearson
4. Arrhenius

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 122 Question Id : 39226619322 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

One of the following is a scientific fact

1. Atomic theory
2. Archimedes principle
3. Iron wire increases in length on heating
4. Boyle's law

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 123 Question Id : 39226619323 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Number of types of hypotheses

1. 1
2. 3
3. 4
4. 5

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 124 Question Id : 39226619324 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Lord Macaulay introduced English and Science in schools in the year

1. 1736
2. 1635
3. 1738
4. 1835

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 125 Question Id : 39226619325 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

The scientist who disapproved the Geocentric theory of Ptolemy

1. Isaac Newton
2. Copernicus
3. Pascal
4. Galileo

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 126 Question Id : 39226619326 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

One of the following is NOT a 5E constructivism step

1. Evaluation
2. Explain
3. Expand
4. Explore

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 127 Question Id : 39226619327 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Details of 27 stars that explain the movement of the moon are in this book

1. Yazurveda
2. Samaveda
3. Rigveda
4. Adharvanaveda

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 128 Question Id : 39226619328 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

NCERT was established in the year

1. 1964
2. 1961
3. 1971
4. 1973

Options :

1. ✗ 1
2. ✓ 2
3. ✗ 3
4. ✗ 4

Question Number : 129 Question Id : 39226619329 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

“At secondary level, teaching, Science should be related to intellectual ability and prepare students for higher education.”

This recommendation was made by

1. Radha Krishnan Commission
2. Mudaliyar Committee
3. New Education Policy of 1986
4. Kothari Commission

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 130 Question Id : 39226619330 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

A student arranged apparatus for ‘Preparation of Hydrogen in the laboratory’. The objective attained by him / her

1. Understand
2. Application
3. Skill
4. Attitude

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 131 Question Id : 39226619331 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Among the educational objectives, 'Characterization' belongs to this domain

1. Cognitive
2. Affective
3. Psychomotor
4. Management

Options :

1. ✖ 1

2. ✔ 2

3. ✖ 3

4. ✖ 4

Question Number : 132 Question Id : 39226619332 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

When a student is conducting an experiment, he takes readings meticulously and carefully without errors, - the specification under psychomotor domain is

1. Imitation
2. Manipulation
3. Precision
4. Articulation

Options :

1. ✖ 1

2. ✖ 2

3. ✔ 3

4. ✖ 4

Question Number : 133 Question Id : 39226619333 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

The six objectives of cognitive domain are slightly changed in
A Revision of Bloom's Taxonomy of Anderson and
Krawthwohl from

1. Noun form to Pronoun form
2. Noun form to Adjective form
3. Noun form to Verb form
4. Noun form to Adverb form

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 134 Question Id : 39226619334 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

In this method of teaching, only a Science teacher is active

1. Project method
2. Laboratory method
3. Inductive method
4. Lecture method

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 135 Question Id : 39226619335 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Teacher gave a project to his students to study the thermal efficiency / thermal capacities of Steel, Glass, Porcelain and Plastic materials. The kind of project is

1. Individual project
2. Verification project
3. Research project
4. Contractive type project

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 136 Question Id : 39226619336 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

The Educationist who developed Branched programmed learning

1. Norman Crowder
2. B.F. Skinner
3. Gilbert
4. Hilland

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 137 Question Id : 39226619337 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

The interaction between the content and a learner that takes place while teaching is called as

1. Objective
2. Specification
3. Teaching
4. Learning experience

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 138 Question Id : 39226619338 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

The number of admirals and ships as per Dr. RH Whitehouse laboratory plan are

1. 3, 1
2. 6, 2
3. 8, 3
4. 4, 3

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 139 Question Id : 39226619339 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

The Non-Govt. Organisation which was established on National Science Day

1. Kerala Sastra Sahitya Parishad (KSSP)
2. Konaseema Science Parishad (KSP)
3. Delhi Science Forum (DSF)
4. Jana Vignana Vedika (JVV)

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 140 Question Id : 39226619340 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

The type of Evaluation conducted at the end of a term on the achievement of students

1. Formative Evaluation
2. Diagnostic Evaluation
3. Summative Evaluation
4. Prognostic Evaluation

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 141 Question Id : 39226619341 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

An example for students being sympathetic to biodiversity

1. Pay special attention towards endangered species.
2. Appreciate the achievement of biologists.
3. Collect information for common diseases in the surrounding.
4. Feel happy while a reading books.

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 142 Question Id : 39226619342 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

The objective involved when the student formulates the hypothesis 'There is no relationship between sunlight and respiration in plants'

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

Options :

1. ✗ 1
2. ✗ 2
3. ✓ 3
4. ✗ 4

Question Number : 143 Question Id : 39226619343 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Experiences that have lasting effects on learning

1. Visual experiences
2. Activity experiences
3. Auditory experiences
4. Audio visual experiences

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 144 Question Id : 39226619344 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

According to Krathwohl, second division in affective domain is

1. Receiving
2. Valuing
3. Responding
4. Organisation

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 145 Question Id : 39226619345 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

“Curriculum is the combination of activities organized by students under the guidance of teacher,” is defined by

1. Sphere
2. Cunningham
3. Murrey
4. Kilpatrik

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 146 Question Id : 39226619346 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

The personality of a biology teacher should

1. Keep students as listeners
2. Not show interest towards experiments
3. Complete the syllabus
4. Learn lifelong

Options :

1. ✗ 1
2. ✗ 2
3. ✗ 3
4. ✓ 4

Question Number : 147 Question Id : 39226619347 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

In organising science clubs

1. Science teacher is a sponsor, Headmaster is a patron
2. Science teacher is a patron, Headmaster is a sponsor
3. The student leader is a sponsor, Science teacher is a patron
4. The student leader is a patron, Science teacher is a sponsor

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 148 Question Id : 39226619348 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

An evaluation test that leaves no room for subjectivity

1. Essay type tests
2. Objective tests
3. Oral tests
4. Anecdotal record

Options :

1. ✗ 1
2. ✓ 2
3. ✗ 3
4. ✗ 4

Question Number : 149 Question Id : 39226619349 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

According to James. B. Conant, the structure of Science is

1. Inter-related concepts and conceptual plans in Science
2. Generalizations, Concepts, Principles in Science
3. Generalizations, Methods, Processes in Science
4. Syntactic and substantive structures in Science

Options :

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

Question Number : 150 Question Id : 39226619350 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

One among the following is NOT a measure of dispersion

1. Range
2. Mean deviation
3. Median
4. Variance

Options :

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

Question Number : 151 Question Id : 39226619351 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Non-substantive structure of science

1. Theory
2. Investigation
3. Concept
4. Generalization

Options :

1. ✖ 1

2. ✔ 2

3. ✖ 3

4. ✖ 4

Question Number : 152 Question Id : 39226619352 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Value that develops the ability to make decisions honestly in an individual

1. Disciplinary value
2. Utilitarian value
3. Intellectual value
4. Cultural value

Options :

1. ✖ 1

2. ✖ 2

3. ✔ 3

4. ✖ 4

Question Number : 153 Question Id : 39226619353 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Sir Robert M.C. Carrison is associated with

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

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 154 Question Id : 39226619354 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 the first step of a period plan

1. Discussion and demonstration
2. Mind mapping
3. Probing questions
4. Announcement of a topic

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 155 Question Id : 39226619355 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

A teaching method that is useful for reviewing the facts learned in the classroom

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

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 156 Question Id : 39226619356 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Birbal Sahni works can be discussed while teaching

1. Anthology
2. Paleontology
3. Morphology
4. Ecology

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 157 Question Id : 39226619357 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Projected aids among the following

- i. Epidiascope
 - ii. Projector
 - iii. Model
 - iv. Diorama
1. i, ii
 2. ii, iii
 3. iii, iv
 4. i, iv

Options :

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

Question Number : 158 Question Id : 39226619358 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

The main aim of preparing a lesson plan is

1. To evaluate student's achievement
2. To understand the lesson better
3. For teaching and learning process
4. For the usage of teaching aids

Options :

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

Question Number : 159 Question Id : 39226619359 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Universal anti dose is given in this case

1. Eye injuries
2. Inhalation of unknown poison
3. In case of fire injuries
4. In case of bleeding

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 160 Question Id : 39226619360 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Field visit means

1. Bringing Community to the class
2. Conduct Community based Creation
3. Taking class to the community
4. Optimum utilization of social resources

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4