

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 Zoology 17th June 2025 Shift 1
Subject Name :	PGT NL Zoology
Creation Date :	2025-06-17 20:05:31
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PGT NL Zoology

Group Number :	1
Group Id :	39226681
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 :	392266415
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 : 392266430
Question Shuffling Allowed : Yes

Question Number : 1 Question Id : 39226613281 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The 'Yellow Ring' in Olympic flag indicates this continent

1. America
2. Australia
3. Asia
4. Europe

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 2 Question Id : 39226613282 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Choose the correct answer

- i. Nobel Prizes are presented in memory of Alfred Nobel every year on 10th December, on his birthday.
 - ii. Except the Peace Prize, all other Nobel prizes are presented in Stockholm, Sweden.
1. only i correct
 2. only ii correct
 3. Both i & ii correct
 4. Both i & ii incorrect

Options :

- 1. ✖ 1
- 2. ✔ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 3 Question Id : 39226613283 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Identify the correctly matched pair

	<u>Tirthankars</u>	-	<u>Symbols</u>
1.	Rishabhanada	-	Swastik
2.	Aristanemi	-	Conch
3.	Vardhamana	-	Bull
4.	Suparshvanadha	-	Lion

Options :

- 1. ✖ 1
- 2. ✔ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 4 Question Id : 39226613284 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

The persons who worked as both the President as well as the Vice President of India

- a. V. V. Giri
 - b. R. Venkataraman
 - c. K. R. Narayanan
 - d. Krishnakanth
- 1. a, b
 - 2. b, c, d
 - 3. a, c
 - 4. a, b, c

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✔ 4

Question Number : 5 Question Id : 39226613285 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Uttarakhand, Uttar Pradesh, Bihar, West Bengal and Sikkim have common frontiers with

- 1. Bhutan
- 2. China
- 3. Nepal
- 4. Myanmar

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✔ 3
- 4. ✖ 4

Question Number : 6 Question Id : 39226613286 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Identify the mismatched pair

1. Sciophytes - Plants grow in water
2. Heliophytes - Plants grow in light
3. Lithophytes - Plants grow on rocks
4. Xerophytes - Plants grow in deserts

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 7 Question Id : 39226613287 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

A girl was born on March 22nd and she says. “On my birthday, the whole world celebrates”. The specialty of that day is

1. World Water Day
2. World Earth Day
3. World Environment Day
4. World Ozone Day

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 8 Question Id : 39226613288 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The hot winds that blow in Arabian Desert are called

1. Loo
2. Simoom
3. Chinook
4. Sirako

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 9 Question Id : 39226613289 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Identify the correct answer regarding books and authors

- | | |
|------------------------|-------------------|
| i. Origin of Species | a. Charles Darwin |
| ii. Runs and Ruins | b. Gunnar Myrdal |
| iii. Asian Drama | c. Sunil Gavaskar |
| iv. Mid Night Children | d. Salman Rashid |

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

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 10 Question Id : 39226613290 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The number of times that the Preamble of the Constitution of India got amended

1. Thrice
2. Twice
3. Once
4. Not amended

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 11 Question Id : 39226613291 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Identify mismatched pair regarding inventions

1. Television - J. L. Baird
2. Telephone - Graham bell
3. Ball point pen - Spangler
4. Safety Lamp - Humphry Davy

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 12 Question Id : 39226613292 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Choose correct matching

- | | |
|----------------------------|--------------------------------------|
| i. UNESCO Kalinga Prize | a. Transformative leadership in Asia |
| ii. Pulitzer Award | b. Achievement in Journalism |
| iii. Raman Magsaysay Award | c. Achievements in music industry |
| iv. Grammy award | d. Popularization of science |

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

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 13 Question Id : 39226613293 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Identify correct matching regarding disease and affected organ

- | | |
|---------------|-------------------|
| i. Tetanus | a. Intestine |
| ii. Cholera | b. Liver |
| iii. Trachoma | c. Nervous system |
| iv. Malaria | d. Eye |

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

Options :

- 1. ✖ 1
- 2. ✔ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 14 Question Id : 39226613294 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Correct Marks : 0.5 Wrong Marks : 0

Calendar papers fly up when a ceiling fan is turned on. The principle that works here is

- 1. Pascal law
- 2. Archimedes principle
- 3. Bernoulli's principle
- 4. Stokes principle

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✔ 3
- 4. ✖ 4

Question Number : 15 Question Id : 39226613295 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Correct Marks : 0.5 Wrong Marks : 0

Choose correct answer regarding sports and cups

- | | |
|----------------|---------------------------|
| i. Hockey | a. Durand Cup |
| ii. Football | b. Benson and Hedges Cups |
| iii. Badminton | c. Aga Khan Cup |
| iv. Cricket | d. Thomas Cup |
- 1. i-c, ii-b, iii-d, iv-a
 - 2. i-b, ii-c, iii-a, iv-d
 - 3. i-c, ii-a, iii-d, iv-b
 - 4. i-b, ii-a, iii-c, iv-d

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✔ 3
- 4. ✖ 4

Question Number : 16 Question Id : 39226613296 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Correct Marks : 0.5 Wrong Marks : 0

Who won the Bronze medal in the women's 10 mts Air Pistol event at Paris 2024 Olympics on July 28, 2024

- 1. Rhythm Sangwan
- 2. Palak Gulia
- 3. Deepika Kumari
- 4. Manu Bhakar

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✔ 4

Question Number : 17 Question Id : 39226613297 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Correct Marks : 0.5 Wrong Marks : 0

The chief guest for the Indian Republic Day - 2025

- 1. Prabowo Subianto
- 2. Joko Widodo
- 3. Susilo Bambang
- 4. Yudhoyono

Options :

- 1. ✔ 1
- 2. ✖ 2
- 3. ✖ 3

4. ✖ 4

Question Number : 18 Question Id : 39226613298 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Correct Marks : 0.5 Wrong Marks : 0

The following country/ies was/were newly elected to the UN Human Rights Council for the term 2025-2027.

- a. Brazil
- b. Cyprus
- c. Nigeria
- d. Canada
- 1. a and b
- 2. only b
- 3. only a
- 4. c and d

Options :

- 1. ✖ 1
- 2. ✔ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 19 Question Id : 39226613299 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Correct Marks : 0.5 Wrong Marks : 0

The present Vice chairperson of NITI AYOOG

- 1. Suman K. Bery
- 2. Nirmala Sitaraman
- 3. Amit Shah
- 4. Dharmendra Pradhan

Options :

- 1. ✔ 1

- 2. ✖ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 20 Question Id : 39226613300 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

This city hosted the BRICS literature Forum 2024 that was held on September 11, 2024

- 1. Moscow
- 2. Kazan
- 3. St. Peter's Berg
- 4. Novosibirsk

Options :

- 1. ✖ 1
- 2. ✔ 2
- 3. ✖ 3
- 4. ✖ 4

Section 2

Section Id :	392266416
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 :	392266431
Question Shuffling Allowed :	Yes

Question Number : 21 Question Id : 39226613301 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

“Students who receive special education services are more likely to be identified as bully victims,” according to

1. Brich and Ladd, 1999
2. Farmer et – al 2012
3. Elbaum and Vacghn 2001
4. Sullivan et – al. 2016

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 22 Question Id : 39226613302 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

“Goals of an individual are his / her Educational Values,” according to

1. Aristotle
2. Cunningham
3. J. S. Bruebrecher
4. Plato

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 23 Question Id : 39226613303 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

POWER (Acronym) formula is used in

1. Critical Thinking skill
2. Problem Solving Skill
3. Handling Peer Pressure
4. Public Opinion Poll Skill

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 24 Question Id : 39226613304 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

A process of addressing and responding to the diversity of needs of all learners through increasing participation in learning, cultures, and communities and reducing exclusion within and from education is

1. Value Education
2. Health Education
3. Teacher Education
4. Inclusive Education

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 25 Question Id : 39226613305 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

One of the following is NOT a principle of Gandhiji's basic education

1. Free and compulsory education
2. Mother tongue as medium of instruction
3. Universal brotherhood
4. Woman education

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 26 Question Id : 39226613306 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

In Buddhist educational system, pledge taking celebration to start education is called

1. Kaivalya
2. Pabbaja
3. Uposatha
4. Vesak

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 27 Question Id : 39226613307 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Pocket money given to KGBV students every month is

1. ₹ 200/-
2. ₹ 150/-
3. ₹ 100/-
4. ₹ 50/-

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 28 Question Id : 39226613308 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

In Andhra Pradesh, MDM is being implemented in Government, Aided and Local Body schools since

1. November 14th 2005
2. April 1st 2008
3. June 12th 2009
4. September 5th 2010

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 29 Question Id : 39226613309 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Match the following related to Sustainable Development Goals and their themes

- | | | | |
|------|--------|----|--|
| i. | Goal 2 | a. | Quality Education |
| ii. | Goal 6 | b. | Industry innovation and infrastructure |
| iii. | Goal 4 | c. | Clean water and sanitation |
| iv. | Goal 9 | d. | Zero hunger |
-
- | | |
|----|------------------------|
| 1. | i-d, ii-b, iii-a, iv-c |
| 2. | i-c, ii-a, iii-b, iv-d |
| 3. | i-d, ii-c, iii-a, iv-b |
| 4. | i-a, ii-c, iii-d, iv-b |

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 30 Question Id : 39226613310 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The primary objective of the 'Vidyanjali Scheme' is

1. To provide free school uniform to students
2. To bridge the gap between schools and volunteers willing to contribute
3. To introduce a new curriculum in government schools
4. To commemorate the great teachers in the society

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 31 Question Id : 39226613311 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Number of educationalist worked in Education Commission
1964-66

1. Only one member; i.e., Doulat Singh Kothari
2. 10 members
3. 27 members
4. 17 members

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

**Question Number : 32 Question Id : 39226613312 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes**

Correct Marks : 0.5 Wrong Marks : 0

At present, to overcome the learning crisis at primary level the
initiative taken by the Government of India is

1. National Mission for Formal Learning and Numbering
2. Numerical Mathematics Foundational Learning
Network
3. National Mission for Foundational Literacy and
Numeracy
4. National Ministry for Functional Literacy and
Numeracy

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

**Question Number : 33 Question Id : 39226613313 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes**

Correct Marks : 0.5 Wrong Marks : 0

Sargent Report was submitted to

1. Queen of the Britan; Elizabeth II
2. Central Advisory Board of Education
3. East India Company
4. Educational Ministry of United Kingdom

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 34 Question Id : 39226613314 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

National Curriculum Frame work for Teacher Education was designed by

1. Central Advisory Board of Education and NCERT
2. MHRD, GoI and National Council for Teacher Education
3. National Council for Teacher Education (NCTE) and National Educational Technology Forum (NETF)
4. National Council for Teacher Education and NCERT

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 35 Question Id : 39226613315 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The main intension of Hartog Committee is to give recommendation on

1. Primary Education
2. Implication points of Hunter Committee
3. Vocational Education
4. Study of Adult Education

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 36 Question Id : 39226613316 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

One of the following statements is NOT the recommendation of NCF - 2005

1. Connection knowledge to life outside the school.
2. Proposing the study of social science from the perspective of the marginalized groups.
3. Making examinations more competitive and high stakes.
4. Integrating of arts, sports, and life skills in curriculum.

Options :

1. ✗ 1
2. ✗ 2
3. ✓ 3
4. ✗ 4

Question Number : 37 Question Id : 39226613317 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Match the following and identify the correct answer related to UNCRC

- | | | | |
|------|--------------|----|---|
| i. | Section - 24 | a. | Right to Education |
| ii. | Section - 14 | b. | Parental Responsibility
State Assistance |
| iii. | Section - 18 | c. | Freedom of thought and
conscience and Religion |
| iv. | Section - 28 | d. | Health and Health Services |
1. i-b, ii-d, iii-c, iv-a
 2. i-a, ii-b, iii-d, iv-c
 3. i-c, ii-d, iii-b, iv-a
 4. i-d, ii-c, iii-b, iv-a

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 38 Question Id : 39226613318 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Match the following and identify the correct answer

- | | | | |
|------|-------|----|---|
| i. | NCERT | a. | Formulate the norms for the admissions into DIET's and B.Ed. Colleges |
| ii. | CIET | b. | Training on Educational Management |
| iii. | NIEPA | c. | In service and Pre service training to teachers and teacher educators |
| iv. | NCTE | d. | Trainings on Educational Technology |
1. i-b, ii-d, iii-a, iv-c
 2. i-c, ii-d, iii-b, iv-a
 3. i-d, ii-b, iii-c, iv-a
 4. i-a, ii-c, iii-d, iv-b

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 39 Question Id : 39226613319 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

In 1990, World forum with the Slogan 'Education for all' was held in

1. United States of America
2. Thailand
3. South Korea
4. Japan

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 40 Question Id : 39226613320 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Identify the incorrect pairs related to Articles in RTE act

- a. Article - 12 - Schools responsibilities for free and compulsory education
 - b. Article - 15 - Capitation fee and Screening procedure for admission
 - c. Article - 14 - Proof of age for admission
 - d. Article - 13 - Denial of admission
- 1. b, d
 - 2. a, d
 - 3. b, c
 - 4. c, d

Options :

- 1. ✓ 1
- 2. ✗ 2
- 3. ✗ 3
- 4. ✗ 4

Section 3

Section Id :	392266417
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 :	392266432
Question Shuffling Allowed :	Yes

Question Number : 41 Question Id : 39226613321 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Identify the correct statements

- a. Development can be estimated and calculated
 - b. Development has no limitations
 - c. Development is an external process
 - d. Development is an extensive and comprehensive
-
- 1. a, b, c
 - 2. b, c
 - 3. a, b, d
 - 4. b, d

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✔ 4

Question Number : 42 Question Id : 39226613322 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

According to Piaget, Animism is one of the limitations during preoperational stage. Here, Animism refers to

- 1. Thinking all individuals as animals.
- 2. The belief that inanimate objects have life like qualities and can act.
- 3. Children love to play with animals.
- 4. Lack of conservation of concepts in children.

Options :

- 1. ✖ 1
- 2. ✔ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 43 Question Id : 39226613323 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Teacher appreciates students whenever they give correct response during the class. The schedules of reinforcement here is

1. Continuous
2. Fixed interval
3. Fixed ratio
4. Variable

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 44 Question Id : 39226613324 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

Match the following and identify the correct answer

- | | |
|-----------------------------------|----------------------|
| i. Role Identity - Role Confusion | a. 3 to 6 years |
| ii. Initiative - Guilt | b. 65 years on wards |
| iii. Industry - Inferiority | c. 12 to 20 years |
| iv. Integrity - Despair | d. 6 to 12 years |
-
1. i-b, ii-c, iii-a, iv-b
 2. i-d, ii-b, iii-a, iv-c
 3. i-c, ii-a, iii-d, iv-b
 4. i-c, ii-a, iii-b, iv-d

Options :

1. ✗ 1
2. ✗ 2
3. ✓ 3

4. ✖ 4

Question Number : 45 Question Id : 39226613325 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Correct Marks : 0.5 Wrong Marks : 0

According to Noam Chomsky

1. All languages contain similar structure and rules.
2. Only a few children have language acquisition device.
3. Children learn language only through external stimuli and reinforcement.
4. Children learn the language in school with the help of teachers.

Options :

1. ✔ 1

2. ✖ 2

3. ✖ 3

4. ✖ 4

Question Number : 46 Question Id : 39226613326 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Correct Marks : 0.5 Wrong Marks : 0

According to Spearman, intelligence consists of

1. Three dimensions
2. 'g' factor and 's' factor
3. Only one factor
4. Many independent factors

Options :

1. ✖ 1

2. ✔ 2

3. ✖ 3

4. ✖ 4

Question Number : 47 Question Id : 39226613327 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

According to the following psychologist, transfer takes place from one learning area to another learning area to the extent that there are common or identical elements.

1. L. L. Thurston
2. E.L. Thorndike
3. W.C. Bagley
4. B. F. Skinner

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 48 Question Id : 39226613328 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

$$\text{Median} = l + \left(\frac{\frac{N}{2} - F}{fm} \right) \times i \text{ here } f =$$

1. Median class frequency
2. Sum of total frequency
3. Cumulative frequency
4. Frequency interval

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 49 Question Id : 39226613329 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Match the following Psychologists with their works

- | | |
|---------------------|---|
| i. Goalman | a. Inquiry into Human Faculty and its Development |
| ii. Pavlov | b. On Memory |
| iii. Francis Galton | c. Emotional Intelligence |
| iv. Ebbinghaus | d. The Work of Digestive Glands |

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

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 50 Question Id : 39226613330 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Id works on the principle of

1. Pleasure
2. Morality
3. Reality
4. Ideals

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 51 Question Id : 39226613331 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The independent variable in an experiment

1. Will be under the control of experimenter
2. Will undergo changes during experiment
3. Will be influenced by dependent variable
4. Is also known as intervening variable

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 52 Question Id : 39226613332 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Memory based on 'understanding the content', can be classified as

1. Immediate Memory – Short term Memory
2. Logical Memory – Rote Memory
3. Active Memory – Passive Memory
4. Short term Memory – Long term Memory

Options :

1. ✗ 1
2. ✓ 2
3. ✗ 3
4. ✗ 4

Question Number : 53 Question Id : 39226613333 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Correct order of steps in imitation learning

- a. Retention
- b. Performance
- c. Attention
- d. Reinforcement

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

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✔ 3
- 4. ✖ 4

Question Number : 54 Question Id : 39226613334 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

According to Vygotsky, basic mental capacities are transformed into higher cognitive processes primarily through

- 1. Social Interaction
- 2. Reward & Punishment
- 3. Stimulus – Response Association
- 4. Adaption and Assimilation

Options :

- 1. ✔ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 55 Question Id : 39226613335 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Intuitive thinking and analytical thinking are required for

1. Discovery Learning
2. Rote Learning
3. Trial & Error Learning
4. Passive Learning

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 56 Question Id : 39226613336 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

A boy faces difficulty in reading, even though his eye sight is good. He may have this learning disability

1. Dycalculia
2. Dysgraphia
3. Dyslexia
4. Ataxia

Options :

1. ✗ 1
2. ✗ 2
3. ✓ 3
4. ✗ 4

Question Number : 57 Question Id : 39226613337 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

In the following type of leadership, leader alone takes decision and Members are not allowed to speak in decision making process

1. Laissez-faire Leadership
2. Permissive Leadership
3. Democratic Leadership
4. Authoritarian Leadership

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 58 Question Id : 39226613338 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Analysis, synthesis are related to

1. Cognitive domain
2. Affective domain
3. Psychomotor domain
4. Psychosocial domain

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 59 Question Id : 39226613339 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

More suspicious on every small matter is the symptom of

1. Paranoia
2. Psychasthenia
3. Acrophobia
4. Hypomania

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 60 Question Id : 39226613340 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The total sum of specific knowledge skills or responses performed by an individual in his / her

1. Aptitude
2. Creativity
3. Needs
4. Attitude

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Section 4

Section Id :	392266418
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 : 392266433
Question Shuffling Allowed : Yes

Question Number : 61 Question Id : 39226613341 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

The basic unit of classification of organisms is

1. Kingdom
2. Order
3. Species
4. Genus

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 62 Question Id : 39226613342 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes
Correct Marks : 0.5 Wrong Marks : 0

This is referred as 'Micro Anatomy'

1. Cytology
2. Histology
3. Ecology
4. Embryology

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 63 Question Id : 39226613343 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Khasi hills are located in

1. Rajasthan
2. Madhya Pradesh
3. Maharashtra
4. Meghalaya

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 64 Question Id : 39226613344 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The concept of Biodiversity 'hotspots' was proposed by

1. Norman Mayers.
2. Tilman
3. Humboldt
4. Wilson

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 65 Question Id : 39226613345 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

In earthworm, pharyngeal nephridia are present in

1. 4th, 5th, 6th segments
2. 3rd, 4th, 5th segments
3. 5th, 6th, 7th segments
4. 16th, 17th, 18th segments

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 66 Question Id : 39226613346 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

‘Chiton’ belongs to

1. Monoplacophora
2. Gastropoda
3. Polyplacophora
4. Aplacophora

Options :

1. ✗ 1
2. ✗ 2
3. ✓ 3
4. ✗ 4

Question Number : 67 Question Id : 39226613347 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Identify the correct statement

1. Agnatha includes cyclostomata and ostracodermi
2. Pisces and Aves constitute the group Sauropsida
3. Reptilia and Amphibia constitute the group Ichthyopsida
4. Chondrichthyes includes Bony fishes

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 68 Question Id : 39226613348 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The following era is known as 'Golden Age of reptiles'

1. Coenozoic Era
2. Palaeozoic Era
3. Mesozoic Era
4. Azoic Era

Options :

1. ✗ 1
2. ✗ 2
3. ✓ 3
4. ✗ 4

Question Number : 69 Question Id : 39226613349 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Plasmodium vivax belongs to the class

1. Telosporea
2. Cnidosporea
3. Microsporidea
4. Myxosporidea

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 70 Question Id : 39226613350 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

In diplopods, the maxillae are modified into

1. Poisonous claws
2. Gnathochilarium
3. Malpighian tubules
4. Pusher legs

Options :

1. ✗ 1
2. ✓ 2
3. ✗ 3
4. ✗ 4

Question Number : 71 Question Id : 39226613351 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Typhoid fever is confirmed by

1. Tuberculin Test
2. ELISA Test
3. Widal Test
4. PCR Test

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 72 Question Id : 39226613352 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Small Pox is caused by

1. Microsporum
2. Streptococcus
3. Variola
4. Trichophyton

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 73 Question Id : 39226613353 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

In Cockroach, peritrophic membrane is secreted by

1. Stomodaeum
2. Ventriculus
3. Proctodaeum
4. Salivary glands

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 74 Question Id : 39226613354 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Type of metamorphosis found in Cockroach is

1. Paurometaboly
2. Hemimetaboly
3. Holometaboly
4. Ametaboly

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 75 Question Id : 39226613355 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

In a community, the biological role of an organism is called

1. Ecosystem
2. Biome
3. Niche
4. Landscape

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 76 Question Id : 39226613356 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The condition of arrested growth in Insects during unfavourable conditions is known as

1. Diapause
2. Conform
3. Migrate
4. Aestivation

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 77 Question Id : 39226613357 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The area of a lake in which rate of photosynthesis is equal to the rate of respiration

1. Littoral zone
2. Profundal zone
3. Benthic zone
4. Zone of compensation

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 78 Question Id : 39226613358 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The pyramid of biomass in sea is generally

1. Inverted
2. Upright
3. Linear
4. Irregular

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 79 Question Id : 39226613359 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Chipko movement was started in the year

1. 1972
2. 1973
3. 1974
4. 1975

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 80 Question Id : 39226613360 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Cyclomorphosis in Daphnia is due to

1. Light
2. Temperature
3. pH
4. Salinity

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 81 Question Id : 39226613361 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Sternum for the first time appeared in

1. Reptiles
2. Mammals
3. Fishes
4. Amphibians

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✔ 4

Question Number : 82 Question Id : 39226613362 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Correct Marks : 0.5 Wrong Marks : 0

Identify the incorrect statement

- 1. In cartilaginous fishes skin is covered by placoid scales
- 2. Scoliodon is called sawfish
- 3. In bony fishes, gills are covered by operculum
- 4. In fishes, skull is monocondylic

Options :

- 1. ✖ 1
- 2. ✔ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 83 Question Id : 39226613363 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Correct Marks : 0.5 Wrong Marks : 0

Tail feather in birds is supported by

- 1. Pygostyle
- 2. Keel
- 3. Furcula
- 4. Synsacrum

Options :

- 1. ✔ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 84 Question Id : 39226613364 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Match the following

- | | | | |
|----|------------|------|----------|
| A. | Psittacula | I. | Peafowl |
| B. | Pavo | II. | Pigeon |
| C. | Coracias | III. | Parrot |
| D. | Columba | IV. | Blue Jay |

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

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 85 Question Id : 39226613365 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

One of the following is not an example for 'Pleiotropy'

1. Cystic fibrosis
2. Phenylketonuria
3. Japanese encephalitis
4. Sickle cell anemia

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 86 Question Id : 39226613366 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Three Domain Classification was Introduced by

1. Whittaker
2. Carl Woese
3. Ernst Haeckel
4. Dobzhansky

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 87 Question Id : 39226613367 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Match the following

- | | |
|----------------------------|--------------------|
| A. Theory of Biogenesis | I. Aristotle |
| B. Coacervate theory | II. George curier |
| C. Theory of Catastrophism | III. Louis pasteur |
| D. Theory of Abiogenesis | IV. A.L.Oparin |
1. A-IV, B-III, C-I, D-II
 2. A-III, B-IV, C-II, D-I
 3. A-I, B-II, C-IV, D-III
 4. A-II, B-I, C-III, D-IV

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 88 Question Id : 39226613368 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The primitive atmosphere has

1. Abundant Hydrogen, No free Oxygen
2. No free Hydrogen, Abundant Oxygen
3. Abundant Hydrogen and Oxygen
4. No free Hydrogen and Oxygen

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 89 Question Id : 39226613369 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The decaudalisation experiments on mice was conducted by

1. Kammarer
2. Darwin
3. Haeckel
4. Weismann

Options :

1. ✗ 1
2. ✗ 2
3. ✗ 3
4. ✓ 4

Question Number : 90 Question Id : 39226613370 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Choose the correct pairs

- a. Genetic drift - Founder effect
- b. Industrial melanism - Biston betularia
- c. The mutation theory - Charles Darwin
- d. Blood Precipitation Tests - Von Baer

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

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✔ 4

Question Number : 91 Question Id : 39226613371 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The father of Modern poultry in India

- 1. Dr. B.V. Rao
- 2. Dr. K.V. Rao
- 3. Dr. Kurian
- 4. Dr. Salim Ali

Options :

- 1. ✔ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 92 Question Id : 39226613372 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Research on 'Waggle dance' of Honey bees was conducted by

1. Maxmuller
2. Karl Von Frisch
3. Emil Fischer
4. Sanger

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 93 Question Id : 39226613373 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Match the following

- | | |
|-------------------------|-----------------------|
| A. Glisson's capsule | I. Pancreas |
| B. Islets of Langerhans | II. Gastro glands |
| C. Parietal cells | III. Liver |
| D. Lysozyme | IV. Intestinal glands |

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

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 94 Question Id : 39226613374 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

1. $\text{Trypsinogen} \xrightarrow{\text{A}} \text{Trypsin}$
2. $\text{Starch} \xrightarrow{\text{B}} \text{Maltose, Sucrose, Lactose}$

A, B are

1. Enterokinase, Amylase
2. Amylase, Enterokinase
3. Lipase, Amylase
4. Amylase, Lactose

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 95 Question Id : 39226613375 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Heparin is secreted by

1. Macrophages
2. Mast cells
3. Adipocytes
4. Fibroblasts

Options :

1. ✗ 1
2. ✓ 2
3. ✗ 3
4. ✗ 4

Question Number : 96 Question Id : 39226613376 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Find the correct one

1. Enterogastrone inhibits gastric secretion
2. Secretin is secreted by pancreas
3. Emulsification of fats is done by gastric glands
4. Rennin is secreted by Liver

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 97 Question Id : 39226613377 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Match the following.

- | | | | |
|----|-------------|------|---------------------------|
| A. | Factor IV | I. | Christmas factor |
| B. | Factor X | II. | Fibrin stabilizing factor |
| C. | Factor XIII | III. | Calcium Ions |
| D. | Factor IX | IV. | Stuart-prower Factor |

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

Options :

1. ✗ 1
2. ✗ 2
3. ✗ 3
4. ✓ 4

Question Number : 98 Question Id : 39226613378 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Opening of postcaval vein into right atrium of heart is guarded by the valve

1. Bicuspid
2. Tricuspid
3. Thebesius
4. Eustachian

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 99 Question Id : 39226613379 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The number of thoracic vertebrae in the vertebral column of man.

1. 11
2. 12
3. 13
4. 14

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 100 Question Id : 39226613380 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Keystone bone in the human cranium is

1. Ethmoid bone
2. Frontal bone
3. Temporal bone
4. Sphenoid bone

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 101 Question Id : 39226613381 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The Brainstem includes

1. Forebrain and Medulla oblongata
2. Midbrain, Pons and Medulla oblongata
3. Midbrain and Medulla oblongata
4. Forebrain and Pons

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 102 Question Id : 39226613382 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Organ of corti is present in

1. Ear
2. Eye
3. Brain
4. Heart

Options :

- 1. ✓ 1
- 2. ✗ 2
- 3. ✗ 3
- 4. ✗ 4

Question Number : 103 Question Id : 39226613383 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Correct Marks : 0.5 Wrong Marks : 0

Antibodies are produced by

- 1. T-Lymphocytes
- 2. B-Lymphocytes
- 3. RBC
- 4. Platelets

Options :

- 1. ✗ 1
- 2. ✓ 2
- 3. ✗ 3
- 4. ✗ 4

Question Number : 104 Question Id : 39226613384 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Correct Marks : 0.5 Wrong Marks : 0

Choose the correct pair/s

- a. Thyroid gland - Calcitonin
 - b. Pineal gland - Melatonin
 - c. Pituitary gland - Pars Intermedia
- 1. b only
 - 2. a, b
 - 3. a, b, c
 - 4. b, c

Options :

- 1. ✗ 1
- 2. ✗ 2

3. ✓ 3

4. ✗ 4

Question Number : 105 Question Id : 39226613385 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Acromegaly is the abnormality found in the adult humans due to

1. Hypersecretion of Growth Hormone
2. Hyposecretion of Growth Hormone
3. Hypersecretion of Thyroid gland
4. Non secretion of Growth Hormone

Options :

1. ✓ 1

2. ✗ 2

3. ✗ 3

4. ✗ 4

Question Number : 106 Question Id : 39226613386 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Find the incorrect section in classification of phylum arthropoda

1. Sub phylum - Chelicerata
2. Class - Xiphosura
3. Sub class - Arachnida
4. Example - Limulus

Options :

1. ✗ 1

2. ✗ 2

3. ✓ 3

4. ✗ 4

Question Number : 107 Question Id : 39226613387 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Genic balance theory was proposed by

1. T.H. Morgan
2. Murray L Barr
3. Bridges
4. Bateson

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 108 Question Id : 39226613388 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

A woman who is a carrier of colour blind disease, marries a man with normal vision, then the vision of offsprings would be

1. 50% daughters are colour blinded, 50% of sons are normal
2. All the daughters are normal, all the sons are colour blinded
3. All the daughters are normal, 50% of the sons are colour blinded
4. 50% of daughters are colour blinded, 50% of sons are colour blinded

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 109 Question Id : 39226613389 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The subunits of Ribosomes are associated at high concentration of

1. Calcium
2. Magnesium
3. Chlorine
4. Nitrogen

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 110 Question Id : 39226613390 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Programmed cell death is known as

1. Attenuation
2. Apoptosis
3. Neoplasia
4. Angiogenesis

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 111 Question Id : 39226613391 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Match the following

- A. Enterocoelomata
- B. Schizocoelomata
- C. Pseudocoelomata
- D. Parazoa

- I. Porifera
- II. Annelida
- III. Aschelminthes
- IV. Echinodermata

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

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✔ 3
- 4. ✖ 4

Question Number : 112 Question Id : 39226613392 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The term 'Coelenterata' is coined by

- 1. Von Sie bold
- 2. Leuckart
- 3. Haeckel
- 4. Lamark

Options :

- 1. ✖ 1
- 2. ✔ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 113 Question Id : 39226613393 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The mode of nutrition in Elphidium is

1. Holophytic
2. Saprozoic
3. Coprozoic
4. Holozoic

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 114 Question Id : 39226613394 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Chagas disease is caused by

1. *Trypanosoma gambiense*
2. *Trypanosoma cruzi*
3. *Trypanosoma evansi*
4. *Trypanosoma rhodesiense*

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 115 Question Id : 39226613395 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

In palaemon, the cephalothorax contains

1. 15 segments
2. 13 segments
3. 19 segments
4. 10 segments

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 116 Question Id : 39226613396 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The larva of Unio is

1. Planula
2. Trochophore
3. Veliger
4. Glochidium

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 117 Question Id : 39226613397 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The posterior sucker in Hirudinaria is formed by the union of

1. 2 segments
2. 8 segments
3. 7 segments
4. 9 segments

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 118 Question Id : 39226613398 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

In scoliodon, the spine of placoid scale contain

1. Calcium
2. Dentine
3. Tunicin
4. Cellulose

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 119 Question Id : 39226613399 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

In a Frog, Sinus Venosus is formed by

1. 2 Precavals, 1 Postcaval
2. 2 Precavals, 2 Postcavals
3. 1 Precaval, 1 Postcaval
4. 1 Precaval, 1 Postcaval

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 120 Question Id : 39226613400 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

In Calotes, internal carotid artery and systemic arch is connected by

1. Ductus caroticus
2. External carotid artery
3. Subclavian artery
4. Pulmonary artery

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 121 Question Id : 39226613401 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Pigeon's milk is manufactured in

1. Buccal cavity
2. Oesophagus
3. Crop
4. Stomach

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 122 Question Id : 39226613402 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

In Rabbit, structure present in pectoral girdle which receives the head of the humerus

1. Coracoid process
2. Suprascapula
3. Glenoid cavity
4. Acetabulum

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 123 Question Id : 39226613403 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The chromosome with sub terminal centromere is known as

1. Submetacentric
2. Telocentric
3. Acrocentric
4. Metacentric

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 124 Question Id : 39226613404 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Lampbrush chromosomes can be seen during

1. Diplotene
2. Pachytene
3. Leptotene
4. Zygotene

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 125 Question Id : 39226613405 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Okazaki fragments are formed during

1. DNA replication
2. Translation
3. Protein synthesis
4. Transcription

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 126 Question Id : 39226613406 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Wobble hypothesis was proposed by

1. Frederick Sanger
2. Crick
3. Watson
4. Nirenberg

Options :

1. ✗ 1
2. ✓ 2
3. ✗ 3
4. ✗ 4

Question Number : 127 Question Id : 39226613407 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Choose correct matching regarding ganglion and it's places in the autonomous nervous system of Periplaneta

- | | |
|-----------------------------|---------------------------|
| i. Frontal ganglion | a. Wall of the crop |
| ii. Hypocerebral ganglion | b. On the gizzard |
| iii. Visceral ganglion | c. dorsal wall of pharynx |
| iv. Proventricular ganglion | d. Above Esophagus |
-
- | |
|---------------------------|
| 1. i-c, ii-a, iii-b, iv-d |
| 2. i-c, ii-d, iii-a, iv-b |
| 3. i-b, ii-c, iii-d, iv-a |
| 4. i-b, ii-c, iii-a, iv-d |

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 128 Question Id : 39226613408 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The type of placenta found in Ungulates

1. Diffused type
2. Cotyledonary type
3. Discoidal type
4. Zonary type

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 129 Question Id : 39226613409 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The thickened cephalic end of the primitive streak is

1. Primitive ridge
2. Primitive groove
3. Primitive knot
4. Blastopore

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 130 Question Id : 39226613410 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

‘Archenteron’ is the cavity of

1. Blastula
2. Gastrula
3. Morula
4. Morula and Blastula

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 131 Question Id : 39226613411 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

In Gastrulation, the spread of micromeres over macromeres is called

- 1. Emboly
- 2. Epiboly
- 3. Involution
- 4. Invagination

Options :

- 1. ✖ 1
- 2. ✔ 2
- 3. ✖ 3
- 4. ✖ 4

Question Number : 132 Question Id : 39226613412 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Match the following

- | | | | |
|----|-----------|------|-------------|
| A. | Chorion | I. | Respiration |
| B. | Allantois | II. | Excretion |
| C. | Amnion | III. | Protection |
| D. | Yolksac | IV. | Nutrition |

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

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✔ 3
- 4. ✖ 4

Question Number : 133 Question Id : 39226613413 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

‘Catecholamines’ are the hormones produced by

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

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 134 Question Id : 39226613414 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Select the incorrect statements regarding Hardy & Weinberg law

- a. This explains concept of genetic equilibrium in population
 - b. This can be expressed by $p^2 + 2pq + q^2 = 1$
 - c. The size of the population should be small
 - d. Genetic drift will be taken into consideration
1. a, d
 2. b, c
 3. a, c
 4. c, d

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 135 Question Id : 39226613415 Question Type : MCQ Option Shuffling : No
Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Maximum level of Leuteinizing Hormone (LH) is found in this phase

1. Ovulatory phase
2. Follicular phase
3. Menstrual phase
4. Leuteal phase

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 136 Question Id : 39226613416 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The sperm acquires the ability to fertilize the ovum by a process called.

1. Conception
2. Capacitation
3. Implantation
4. Zona reaction

Options :

1. ✗ 1
2. ✓ 2
3. ✗ 3
4. ✗ 4

Question Number : 137 Question Id : 39226613417 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Phosphoenol pyruvic acid is converted into pyruvic acid by the enzyme

1. Isomerase
2. Phosphofructo kinase
3. Hexokinase
4. Pyruvic kinase

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 138 Question Id : 39226613418 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Mutation caused by addition / deletion of nitrogenous bases in DNA is called

1. Frameshift
2. Transversion
3. Transition
4. Substitution

Options :

1. ✔ 1
2. ✖ 2
3. ✖ 3
4. ✖ 4

Question Number : 139 Question Id : 39226613419 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Southern blotting method is used for separation & identification of

1. DNA
2. RNA
3. Proteins
4. Ribosomes

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 140 Question Id : 39226613420 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The strength of linkage

- A. Inversely proportional to the distance between the genes
- B. Increases with age of the animal
- C. Decreases with increase in temperature
- D. Increases when exposed to x-rays

Correct statement/s is/are

1. A only
2. A, B only
3. A, B, C
4. C only

Options :

1. ✗ 1
2. ✗ 2
3. ✓ 3
4. ✗ 4

Question Number : 141 Question Id : 39226613421 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The enzyme 'Reverse Transcriptase' was discovered by

1. Nirenberg
2. Kohler
3. Temin and Baltimore
4. Milstein

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 142 Question Id : 39226613422 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

This is due to dominant sex-linked gene in man

1. Colour blindness
2. Defective enamel of teeth
3. Haemophilia
4. Baldness

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 143 Question Id : 39226613423 Question Type : MCQ Option Shuffling : No

Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The author of 'Genetics and the Origin of Species'

1. Charles Darwin
2. Lamark
3. Dobzhansky
4. Spencer

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 144 Question Id : 39226613424 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The resistance of insects to DDT is an example of

1. Allopatric speciation
2. Disruptive selection
3. Directional selection
4. Stabilizing selection

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 145 Question Id : 39226613425 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The palaearctic fauna exhibits affinities with the fauna of

1. Oriental region
2. Ethiopian region
3. Nearctic fauna
4. Neotropical fauna

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 146 Question Id : 39226613426 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

‘Sewall Wright Effect’, a change in gene frequencies is seen in

1. Large populations
2. Small populations
3. Heterogeneous population
4. Allopatric species

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 147 Question Id : 39226613427 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

In birds, high concentration of DDT disturbs the metabolism of

1. Calcium
2. Iron
3. Nitrogen
4. Phosphorus

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 148 Question Id : 39226613428 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

B.O.D is the measure of

1. Oxygen requirement of the bacteria
2. CO₂ released by bacteria
3. Nitrogen compounds
4. Nutrients in water body

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 149 Question Id : 39226613429 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

‘Nitrification’ is a process of converting

1. Ammonia into Nitrates
2. Nitrogen into Nitrogen oxides
3. Uptake of Nitrates
4. Nitrogen oxides into Nitrogen

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 150 Question Id : 39226613430 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Presence of E. coli in human colon is an example of

1. Commensalism
2. Mutualism
3. Parasitism
4. Symbiosis

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 151 Question Id : 39226613431 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Mono climax theory of succession is proposed by

1. Frederik Clements
2. Whittaker
3. Gause
4. Mc Arthur

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 152 Question Id : 39226613432 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Neretic Zone in a marine habitat refers to

1. Bottom Region
2. Shallow water region up to the depth 200m
3. Shallow water region up to depth 500m
4. Shallow water region up 600m

Options :

1. ✗ 1
2. ✓ 2
3. ✗ 3
4. ✗ 4

Question Number : 153 Question Id : 39226613433 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Man and Biosphere (MAB) programme was launched by UNESCO in the year.

1. 1984
2. 1973
3. 1992
4. 1971

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 154 Question Id : 39226613434 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Periyar Wildlife sanctuary is located in

1. Tamil Nadu
2. Orissa
3. Kerala
4. Karnataka

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 155 Question Id : 39226613435 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Indian wild Ass sanctuary is located in

1. Madhya Pradesh
2. Rajasthan
3. Maharashtra
4. Gujarat

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 156 Question Id : 39226613436 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

In India, wetlands are conserved under

1. Montreal Convention
2. Ramsar Convention
3. Basel Convention
4. Bonn Convention

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 157 Question Id : 39226613437 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Thigmotaxis is a response to

1. Electric field
2. Touch
3. Gravity
4. Temperature

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 158 Question Id : 39226613438 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The inherited behaviour of an organism is called

1. Imprinting
2. Maturation
3. Instinct
4. Learning

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 159 Question Id : 39226613439 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Goose rolling in the eggs into the nest is an example for

1. Habitnatim
2. Imprinting
3. Fixed Action Pattern
4. Operant conditioning

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 160 Question Id : 39226613440 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Circasyzygic rhythm operate at the period of

1. 15 days
2. 14.5 days
3. 24 days
4. 14 days

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Section 5

Section Id :	392266419
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 :

392266434

Question Shuffling Allowed :

Yes

Question Number : 161 Question Id : 39226613441 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The Latin word Lactare means

1. Giving lecture
2. Reading book
3. Silent reading
4. Loud reading

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 162 Question Id : 39226613442 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

A teacher asks questions with some cues when there no response from students. This is/an

1. Informative question
2. Prompting question
3. Redirection question
4. Refocusing question

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 163 Question Id : 39226613443 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

‘Connect outside knowledge with school knowledge’ is the guiding principle of

1. NEP - 1986
2. NEP - 2020
3. NCF - 2005
4. Learning without burden - 1993

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 164 Question Id : 39226613444 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

‘A student explains difference between silk moth and butterfly’ This specification belongs to

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

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 165 Question Id : 39226613445 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Knowledge will be enhanced by adding new knowledge to the old one - This indicates that

1. Science is a process
2. Science is a product
3. Science is a statement
4. Science is a cumulative knowledge

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 166 Question Id : 39226613446 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

‘Science is world of facts and world of theories.’ It is defined by

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

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 167 Question Id : 39226613447 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

One of the following is not an objective of Science

1. Science is a process
2. Science is a product
3. Science is a conclusion
4. Science is an organised commonsense

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 168 Question Id : 39226613448 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The word “Scirae” belongs to this language

1. Greek
2. German
3. Latin
4. English

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 169 Question Id : 39226613449 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

While teaching Anti Retroviral Therapy, National Blood Policy you may refer this institution.

1. FICCI
2. NACO
3. FAO
4. NNMB

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 170 Question Id : 39226613450 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Choose the mismatched pair

- | | | | |
|----|----------------|---|-------------------|
| a. | J.B. Lamark | - | Biology |
| b. | Aristotle | - | Father of Biology |
| c. | Norman Borlaug | - | White revolution |
1. a
 2. b
 3. a, b
 4. c

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 171 Question Id : 39226613451 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

One of the following is not the aim of Science education

1. Inculcate positive habits
2. Purposeful utilization of leisure time
3. Produce good citizens for society
4. Set long term goals to achieve

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 172 Question Id : 39226613452 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

According to UNESCO - Hand book for Science teachers
objective are derived from

1. Goal
2. Aim
3. Specification
4. Action

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 173 Question Id : 39226613453 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The method or the approach used by a scientist for the invention of scientific knowledge is called

1. Innovation method
2. Scientific method
3. Analytical method
4. Method of observation

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 174 Question Id : 39226613454 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

People with scientific attitude should

- a. Have broad perspective
 - b. Change their opinions based on appropriate evidences
 - c. Be away from superstitions
1. a, c
 2. b, c
 3. a, b
 4. a, b, c

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 175 Question Id : 39226613455 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 timetable preparation guide line for science teaching

1. Leisure before teaching period
2. Allotment of two successive periods for lab activity
3. Allotment periods for field trips
4. Allotment periods for parent meetings

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 176 Question Id : 39226613456 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The physics principle that correlates in teaching 'exchange of gases in respiration' is

1. Archimedes law
2. Ampere's law
3. Newton's law
4. Boyle's law

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 177 Question Id : 39226613457 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

This is not a managerial competency of a Biological Science teacher

1. Leadership
2. Declarative nature
3. Work management
4. Looking forward

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 178 Question Id : 39226613458 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Based on the nature, objectives are two types. They are

1. Interpersonal and Intra personal
2. General and Specific
3. Individual and Sociological
4. Behavioral and Attitudinal

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 179 Question Id : 39226613459 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

“There is a relation between needs and behaviour of an individual.” It is stated by

1. Sigmund Freud
2. J.B. Watson
3. Abraham Maslow
4. Stanley Hall

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 180 Question Id : 39226613460 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

“To have objective is to work meaningfully” according to

1. B.D. Bhatia
2. Carlyal
3. John Dewey
4. W.D. Milestone

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 181 Question Id : 39226613461 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Correct order of steps in the objective 'understanding' is

1. Translation – Interpretation - Extrapolation
2. Translation – Extrapolation – Interpretation
3. Interpretation - Translation – Extrapolation
4. Extrapolation – Interpretation - Translation

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 182 Question Id : 39226613462 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Cognitive domain : Benjamin. S. Bloom : : Affective domain :

1. R.H. Dave
2. Elizabeth Simpson
3. Benjamin. S. Bloom
4. David. R. Krathwohl

Options :

1. ✗ 1
2. ✗ 2
3. ✗ 3
4. ✓ 4

Question Number : 183 Question Id : 39226613463 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

A student draws a neatly labeled diagram of T.S. of leaf same as his teacher. This skill is

1. Manipulation
2. Simulation
3. Presentation
4. Imitation

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 184 Question Id : 39226613464 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Number of levels in affective domain are

1. 6
2. 5
3. 8
4. 3

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 185 Question Id : 39226613465 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Choose the correct order in lecture demonstration method

- a. Planning and Preparation
 - b. Introducing the lesson
 - c. Conduct experiment
 - d. Evaluation
- 1. d, a, c, b
 - 2. e, b, d, a
 - 3. a, c, d, b
 - 4. a, b, c, d

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✔ 4

Question Number : 186 Question Id : 39226613466 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Correct Marks : 0.5 Wrong Marks : 0

This teaching method is also called “Formulating Method”

- 1. Lecture method
- 2. Project method
- 3. Conversation method
- 4. Scientific method

Options :

- 1. ✖ 1
- 2. ✖ 2
- 3. ✖ 3
- 4. ✔ 4

Question Number : 187 Question Id : 39226613467 Question Type : MCQ Option Shuffling : No Display Question Number : Yes Correct Marks : 0.5 Wrong Marks : 0

Project method is developed as a teaching method by

1. Kilpatrick
2. John Dewey
3. J.A. Stevenson
4. West berg

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 188 Question Id : 39226613468 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Choose correct answer

- | | | |
|----|---------------------|--|
| a. | Desiderious Erasmus | - Remove rote learning from education system |
| b. | John Cominius | - Published pictorial book for early graders |
-
1. a only correct
 2. b only correct
 3. a, b not correct
 4. a, b correct

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 189 Question Id : 39226613469 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

‘Becoming a Better Teacher: Microteaching Approach’ book was written by

1. B.K. Guptha
2. B.K. Passi
3. L.N. Dausaus
4. Keith Acheson

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 190 Question Id : 39226613470 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

This step in teaching is also called as critique session

1. Reteach
2. Skill demonstration
3. Preparation of micro lesson plan
4. Feed back

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 191 Question Id : 39226613471 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Herbart approach is based on this theory

1. Appreciative Mass Theory of Learning
2. Aptitude Learning Technique
3. Adoptive Teaching Technique
4. Theory of Learning Strategies

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 192 Question Id : 39226613472 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

According to 'Yoger' brainstorming is to be conducted in

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

Options :

1. ✗ 1
2. ✓ 2
3. ✗ 3
4. ✗ 4

Question Number : 193 Question Id : 39226613473 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

This academic standard focuses on information given in the textbook.

1. Asking questions
2. Drawing and modal marking
3. Conceptual understanding
4. Concern towards biodiversity

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 194 Question Id : 39226613474 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

“Curriculum is the totality of activities conducted by students under the supervision of teacher” according to

1. Cro & Cro
2. Murry
3. Cunningham
4. Spears

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 195 Question Id : 39226613475 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

According to W.S. Jocabson, one of the following is not taken into consideration while designing curriculum

1. Needs of learner
2. Availability of teachers
3. Nature of content
4. Needs of society

Options :

1. ✖ 1
2. ✔ 2
3. ✖ 3
4. ✖ 4

Question Number : 196 Question Id : 39226613476 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

One of the following is not in NCERT 10 core guiding principle for curriculum designing

1. Constitutional obligations
2. Environment protection
3. Removal of social barriers
4. Quality education needs quality teachers

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 197 Question Id : 39226613477 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

Vogel's spot check evaluation scale is used to evaluate

1. Students performance
2. Teacher standards
3. Textbook
4. Assessment tools

Options :

1. ✖ 1
2. ✖ 2
3. ✔ 3
4. ✖ 4

Question Number : 198 Question Id : 39226613478 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

The most appropriate logical approach for designing biological Science curriculum is

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

Options :

1. ✖ 1
2. ✖ 2
3. ✖ 3
4. ✔ 4

Question Number : 199 Question Id : 39226613479 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

According to R.H. Whitehouse the seating capacity of lecture room-cum-laboratory respectively is

1. 40 - 20
2. 20 - 20
3. 10 - 20
4. 15 - 15

Options :

1. ✓ 1
2. ✗ 2
3. ✗ 3
4. ✗ 4

Question Number : 200 Question Id : 39226613480 Question Type : MCQ Option Shuffling : No Display Question Number : Yes

Correct Marks : 0.5 Wrong Marks : 0

‘The World of Science Objects’ a pictorial book is published by

1. Desiderious Erasmus
2. John Rotterdam
3. John Amus Comenius
4. Eratosthenes

Options :

1. ✗ 1
2. ✗ 2
3. ✓ 3
4. ✗ 4