



Navodaya Vidyalaya Samiti

(An Autonomous Body Under MHRD) Government of India

Roll No.	
Participant Name	
Test Center Name	
Test Date	
Test Time	
Subject	PGT BIOLOGY

Section : General (English & Hindi)

Q.1 Select the option that expresses the given sentence in direct speech.

The pedestrian observed that he had never seen such a severe accident and that it was a miracle that the child had escaped unhurt.

The pedestrian said,

Ans ☒ 1.

"I have never seen such a severe accident. It is a miracle that the child escaped unhurt."

☒ 2.

"I had never seen such a severe accident. It was a miracle that the child had escaped unhurt."

☒ 3.

"He has never seen such a severe accident. It is a miracle that the child is escaping unhurt."

☒ 4.

"He had never seen such a severe accident and that it was a miracle that the child had escaped unhurt."

Question ID : 5096476302

Status : Answered

Chosen Option : ☐

Q.2 Select the most appropriate ANTONYM of the given word:

INTEGRATE

Ans ☒ 1. Abuse

☒ 2. Separate

☒ 3. Assimilate

☒ 4. Combine

Question ID : 5096476295

Status : Answered

Chosen Option : ☐

Q.3 Select the most appropriate option to fill in the blank:

I cannot respond to these queries _____ I go through the records.

Ans ☒ 1. so that

☒ 2. because

☒ 3. if

☒ 4. unless

Question ID : 5096476289

Status : Answered

Chosen Option :

Q.4 Select the most appropriate option to fill in the blank:

While on the trek to Mustang Valley, Rani and I bought some oranges for _____.

- Ans
1. yourselves
2. oneself
3. ourselves
4. themselves

Question ID : 5096476288

Status : Answered

Chosen Option :

Q.5 Select the INCORRECTLY spelt word:

- Ans
1. Ambiguos
2. Adventurous
3. Ambitious
4. Antique

Question ID : 5096476298

Status : Answered

Chosen Option :

Q.6 Select the most appropriate option to fill in the blank:

Everybody advised me to take out insurance _____ I needed medical treatment while abroad.

- Ans
1. as though
2. whereas
3. so that
4. in case

Question ID : 5096476290

Status : Answered

Chosen Option :

Q.7 Select the correctly spelt word:

- Ans
1. Acquintance
2. Accquaintance
3. Acquaintance
4. Acquaintence

Question ID : 5096476297

Status : Answered

Chosen Option :

Q.8 Select the correct passive form of the given sentence:

The Turkish rulers had granted over a million dunams of land to the Kabir clan in Lebanon.

Ans

 1.

The Kabir clan granted the Turkish rulers over a million dunams of land in Lebanon.

 2.

Over a million dunams of land in Lebanon has been granted to the Kabir clan by the Turkish rulers.

 3.

The Kabir clan had been granted over a million dunams of land in Lebanon by the Turkish rulers.

 4.

The Turkish rulers had been granted over a million dunams of land in Lebanon by the Kabir clan.

Question ID : 5096476291

Status : Answered

Chosen Option : 

Q.9 In the following sentence four words or phrases have been underlined. One of them is incorrect. Choose the INCORRECT word or phrase from the given options:

The Managing Director made me to revise the draft of the company's report three times.

Ans  1. The Managing Director

 2. company's report

 3. of

 4. to revise

Question ID : 5096476299

Status : Answered

Chosen Option : 

Q.10 In the following sentence four words or phrases have been underlined. One of them is incorrect. Choose the INCORRECT word or phrase from the given options:

According to official estimates, there are 2.5 million migrant labourers work in Kerala, coming from other states and even Nepal and Bangladesh.

Ans  1. According to

 2. and even

 3. coming

 4. work in Kerala

Question ID : 5096476300

Status : Answered

Chosen Option : 

Q.11 Select the option that expresses the given sentence in reported speech.

Taru said to me, "I am going to the library. I will return your book."

Taru told me that:

Ans  1.

she was going to the library and that she would return my book.

 2. I am going to the library. I will return your book.

 3.

she is going to the library and that she will return my book.

 4.

she was going to the library and that she would return your book.

Question ID : 5096476301

Status : Answered

Chosen Option : 

Q.12 Select the most appropriate option to fill in the blank:

Avika and Kavya have an _____ time at their Nani’s house during the holidays.

- Ans
- ☒

1. exciting
- ☐

2. excitable
- ☐

3. excitedly
- ☐

4. exited

Question ID : 5096476285

Status : Answered

Chosen Option :

Q.13 Select the option which is NOT an antonym of another word by way of adding the prefix ‘mis-’.

- Ans
- ☐

1. Misconduct
- ☐

2. Misbehave
- ☐

3. Mistrust
- ☒

4. Miserable

Question ID : 5096476296

Status : Answered

Chosen Option :

Q.14 Select the most appropriate option to fill in the blank:

I am sure this year our team _____ gold at the Asian Games.

- Ans
- ☐

1. won
- ☐

2. win
- ☐

3. has won
- ☒

4. will win

Question ID : 5096476284

Status : Answered

Chosen Option :

Q.15 Select the most appropriate option to fill in the blank:

Ibrahim brooded about it as he had never brooded in _____ life.

- Ans
- ☐

1. your
- ☐

2. her
- ☒

3. his
- ☐

4. their

Question ID : 5096476287

Status : Answered

Chosen Option :

Q.16 Select the most appropriate option to fill in the blank:

I am tired. I _____ to bed now.

- Ans
- ☐

1. have gone

- ✖

2.

went
- ✖

3.

go
- ✔

4.

am going

Question ID : 5096476283

Status : Answered

Chosen Option :

Q.17 Select the most appropriate option to fill in the blank:

The officer at the MTNL office was _____ to me.

- Ans
- ✖

1.

as courteous
- ✖

2.

most courteous
- ✖

3.

more courteous
- ✔

4.

courteous

Question ID : 5096476286

Status : Answered

Chosen Option :

Q.18 Select the most appropriate synonym of the given word:

BREACH

- Ans
- ✖

1.

Follow
- ✖

2.

Honour
- ✔

3.

Break
- ✖

4.

Contact

Question ID : 5096476293

Status : Answered

Chosen Option :

Q.19 Select the correct passive form of the given sentence:

Scientists can draw valid conclusions only if there are enough planets for robust statistical analysis.

- Ans
- ✖

1.

Valid conclusions would be drawn by the scientists only if there were enough planets for robust statistical analysis.
- ✖

2.

Enough planets can be drawn by the scientists only if there are valid conclusions for robust statistical analysis.
- ✔

3.

Valid conclusions can be drawn by the scientists only if there are enough planets for robust statistical analysis.
- ✖

4.

Valid conclusions can draw the scientists only if there are enough planets for robust statistical analysis.

Question ID : 5096476292

Status : Answered

Chosen Option :

Q.20 Select the most appropriate synonym of the given word:

STRANDED

- Ans
- ✖

1.

Evicted
- ✖

2.

Evacuated

- ✖

3. Removed
- ✔

4. Trapped

Question ID : 5096476294

Status : Answered

Chosen Option :

Q.21 'हाथ तंग होना' मुहावरे का उचित अर्थ है:

- Ans
- ✔

1. पैसे का अभाव होना
- ✖

2. हाथ में चोट लगना
- ✖

3. हाथ बँध जाना
- ✖

4. कपड़े छोटे होना

Question ID : 5096476312

Status : Answered

Chosen Option :

Q.22 छात्रा शब्द का बहुवचन होता है:

- Ans
- ✖

1. छात्रों
- ✖

2. छात्रा
- ✖

3. छात्रे
- ✔

4. छात्राएँ

Question ID : 5096476320

Status : Answered

Chosen Option :

Q.23 रिपु का पर्याय है:

- Ans
- ✖

1. पति
- ✖

2. मित्र
- ✖

3. वीर
- ✔

4. शत्रु

Question ID : 5096476308

Status : Answered

Chosen Option :

Q.24 'अनुराग' का विलोम है:

- Ans
- ✔

1. विराग
- ✖

2. चिराग
- ✖

3. अनुभूति
- ✖

4. राग

Question ID : 5096476310

Status : Answered

Chosen Option :

Q.25 विवरण के अनुसार का समस्त पद है:

- Ans
- ☒ 1. वर्णनात्मक
 - ☒ 2. विवरणात्मक
 - ☒ 3. विवरण ही विवरण
 - ☒ 4. यथाविवरण

Question ID : 5096476319

Status : Answered

Chosen Option :

Q.26 अतिशयोक्ति अलंकार में वर्णन किया जाता है:

- Ans
- ☒ 1. सामान्य रूप से
 - ☒ 2. न के बराबर
 - ☒ 3. कम करके
 - ☒ 4. बढ़ा चढ़ा कर

Question ID : 5096476317

Status : Answered

Chosen Option :

Q.27 मैं खाना खा लिया हूँ। वाक्य का शुद्ध रूप है:

- Ans
- ☒ 1. खा मैंने खाना लिया है।
 - ☒ 2. लिया है मैंने खाना खा।
 - ☒ 3. मैंने खाना खा लिया है।
 - ☒ 4. खाना खा मैंने लिया है।

Question ID : 5096476314

Status : Answered

Chosen Option :

Q.28 सन्मार्ग का सही संधि विच्छेद है:

- Ans
- ☒ 1. सत् + मार्ग
 - ☒ 2. सत + मार्ग
 - ☒ 3. स + मार्ग
 - ☒ 4. स्त + मार्ग

Question ID : 5096476316

Status : Answered

Chosen Option :

Q.29 कौन सा शब्द सदा एकवचन में प्रयुक्त होता है:

- Ans
- ☒ 1. नदी

- ✖

2. कमरा
- ✔

3. वर्षा
- ✖

4. बात

Question ID : 5096476321

Status : Answered

Chosen Option :

Q.30 सही युग्म बताइए:

- Ans

✔

1. गृहिणी - घरनी

✖

2. गोमय - घाम

✖

3. ग्रामीण - ग्वाला

✖

4. गायक - गोरा
- Question ID : 5096476304

Status : Answered

Chosen Option :
- Q.31 तत्सम - तद्भव का कौन सा युग्म सही है:
- Ans

✖

1. शुष्क - शत

✔

2. शिक्षा - सीख

✖

3. सत्य - सात

✖

4. सर्प - सींग

Question ID : 5096476303

Status : Answered

Chosen Option :

Q.32 'अपमानित करना' वाक्यांश के लिए उचित मुहावरा होगा:

Ans

✖

1. सुध न लेना

✖

2. नज़रों से गिरना

✔

3. पगड़ी उछालना

✖

4. डकार जाना

Question ID : 5096476311

Status : Answered

Chosen Option :

Q.33 किस शब्द समूह के सभी शब्द तद्भव हैं:

Ans

✖

1. दंड, द्विगुणा, दुगुना

✖

2. धैर्य, दिशांतर, दिशावर

✖

3. धृष्ट, ढीठ, दतून

✔

4. धीरज, डंडा, बारह

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Question ID : 5096476306

Status : Answered

Chosen Option :

Q.34 गुणवान का स्त्रीलिंग है:

- Ans
- ✓

1. गुणवती
- ✗

2. गुणमती
- ✗

3. गुणवानी
- ✗

4. गुणबाला

Question ID : 5096476322

Status : Answered

Chosen Option :

Q.35 तद्भव शब्द बताइए:

- Ans
- ✗

1. चतुर्थ
- ✓

2. चाँदनी
- ✗

3. चैत्र
- ✗

4. चंचु

Question ID : 5096476305

Status : Answered

Chosen Option :

Q.36 चक्रपाणि शब्द का समास भेद है:

- Ans
- ✓

1. बहुब्रीहि समास
- ✗

2. तत्पुरुष समास
- ✗

3. द्विगु समास
- ✗

4. कर्मधारय समास

Question ID : 5096476318

Status : Answered

Chosen Option :

Q.37 'न तीन में न तेरह में' लोकोक्ति का अर्थ बताइए:

- Ans
- ✗

1. जिसकी हर तरफ पूछ हो
- ✗

2. जिसकी गिनती न हो सके
- ✓

3. जिसकी कहीं पूछ न हो
- ✗

4. जिसकी कोई कीमत न हो

Question ID : 5096476313

Status : Answered

Chosen Option :

Q.38 मनः + योग के लिए संधि शब्द है:

- Ans
- ✗

1.

मनोआयोग
- ✗

2.

मनायोग
- ✗

3.

मनयोग
- ✓

4.

मनोयोग

Question ID : 5096476315

Status : Answered

Chosen Option :

Q.39 विलोम शब्द का कौन सा युग्म सही है:

- Ans
- ✗

1.

पूत - सपूत
- ✗

2.

यश - सुयश
- ✓

3.

सूक्ष्म - स्थूल
- ✗

4.

सच - सत्य

Question ID : 5096476309

Status : Answered

Chosen Option :

Q.40 विष्णु का पर्याय नहीं है:

- Ans
- ✗

1.

केशव
- ✓

2.

विनायक
- ✗

3.

नारायण
- ✗

4.

मुकुंद

Question ID : 5096476307

Status : Answered

Chosen Option :

Section : General Awareness

Q.1 Who won the 2017 FIDE (International Chess Federation) World Chess Cup in Georgia?

- Ans
- ✗

1.

Chinese Grandmaster Ding Liren
- ✗

2.

Norwegian grandmaster Sven Magnus Oen Carlsen
- ✓

3.

Armenian Chess Grandmaster Levon Aronian
- ✗

4.

Indian grandmaster Viswanathan Anand

Question ID : 5096476332

Status : Answered

Chosen Option :

Q.2 Which country has announced its withdrawal from the International Whaling Commission (IWC) in order to resume commercial whaling?

- Ans
- ✓

1.

Japan

- ✖

2.

China
- ✖

3.

Australia
- ✖

4.

Norway

Question ID : 5096476323

Status : Answered

Chosen Option :

Q.3 Union Government of India has signed an agreement for IBRD Credit of US \$ 21.7 Million with World Bank for:

- Ans
- ✖

1.

strengthening of public school management in a project in the state of Odisha
- ✖

2.

strengthening of public financial management in a project in the state of Kerala
- ✖

3.

strengthening of public school management in a project in the state of Jharkhand
- ✔

4.

strengthening of public financial management in a project in the state of Rajasthan

Question ID : 5096476328

Status : Answered

Chosen Option :

Q.4 Who among the following won the Women’s Singles title at the 2018 French Open tennis tournament?

- Ans
- ✖

1.

Elina Svitolina
- ✖

2.

Angelique Kerber
- ✖

3.

Caroline Wozniacki
- ✔

4.

Simona Halep

Question ID : 5096476329

Status : Answered

Chosen Option :

Q.5 What is the number of destinations in the “Krishna Circuit” named after Lord Krishna?

- Ans
- ✖

1.

7
- ✖

2.

5
- ✔

3.

12
- ✖

4.

18

Question ID : 5096476342

Status : Answered

Chosen Option :

Q.6 In which city did Swami Vivekananda deliver his famous speech at the World Parliament of Religions in 1893?

- Ans
- ✔

1.

Chicago
- ✖

2.

San Francisco
- ✖

3.

Los Angeles
- ✖

4.

Washington

Question ID : 5096476334

Status : Answered

Chosen Option :

Q.7 Which of the following articles deals with the abolition of untouchability?

- Ans
- ☒ 1. Article 54
 - ☒ 2. Article 36
 - ☒ 3. Article 17
 - ☒ 4. Article 27

Question ID : 5096476339
Status : Answered
Chosen Option :

Q.8 Who has been given Mohammed Rafi Lifetime Achievement Award in December 2018?

- Ans
- ☒ 1. Naushad
 - ☒ 2. Laxmikant Kudalkar
 - ☒ 3. Madan Mohan
 - ☒ 4. Omkar Prasad Nayyar

Question ID : 5096476325
Status : Answered
Chosen Option :

Q.9 Cheraw is a very old traditional dance of which of the following states?

- Ans
- ☒ 1. Mizoram
 - ☒ 2. Assam
 - ☒ 3. Nagaland
 - ☒ 4. Manipur

Question ID : 5096476351
Status : Answered
Chosen Option :

Q.10 Which one of the following tribes belongs to the state of Sikkim?

- Ans
- ☒ 1. Chenchu
 - ☒ 2. Angami
 - ☒ 3. Gond
 - ☒ 4. Bhutiya

Question ID : 5096476350
Status : Answered
Chosen Option :

Q.11 _____ of the Constitution of India provide Fundamental Rights.

- Ans
- ☒ 1. Articles 30 to 43
 - ☒ 2. Articles 22 to 38
 - ☒ 3. Articles 1 to 8
 - ☒ 4. Articles 12 to 35

Question ID : 5096476338
Status : Answered
Chosen Option :

Q.12 Which state has launched the Bharat Ratna Atal Bihari Vajpayee International Schools on the occasion of 94th birth anniversary of the late prime minister?

- Ans
- ✓ 1. Maharashtra
 - ✗ 2. Gujarat
 - ✗ 3. Uttar Pradesh
 - ✗ 4. Himachal Pradesh

Question ID : 5096476326
Status : Answered
Chosen Option :

Q.13 Part II of the Constitution of India deals with:

- Ans
- ✗ 1. Subordinate Courts
 - ✗ 2. Public Service Commissions
 - ✗ 3. The High Courts
 - ✓ 4. Citizenship

Question ID : 5096476340
Status : Answered
Chosen Option :

Q.14 Which state has the highest share in the onion production in India?

- Ans
- ✗ 1. Uttar Pradesh
 - ✗ 2. Bihar
 - ✗ 3. Madhya Pradesh
 - ✓ 4. Maharashtra

Question ID : 5096476344
Status : Answered
Chosen Option :

Q.15 Where was the first session of the Indian National Congress held in 1885?

- Ans
- ✗ 1. Lucknow
 - ✓ 2. Bombay (now Mumbai)
 - ✗ 3. Calcutta (now Kolkata)
 - ✗ 4. Madras (now Chennai)

Question ID : 5096476337
Status : Answered
Chosen Option :

Q.16 Oxalic acid is present in _____.

- Ans
- ✓ 1. spinach
 - ✗ 2. milk of magnesia
 - ✗ 3. lemon water
 - ✗ 4. amla

Question ID : 5096476345
Status : Answered

Chosen Option :

Q.17 According to Article 21A of the Constitution of India, the state must provide free and compulsory education to all the children of the age group of:

- Ans

✓

1. 6 to 14 years

✗

2. 7 to 15 years

✗

3. 5 to 10 years

✗

4. 4 to 11 years
- Question ID : 5096476341

Status : Answered

Chosen Option :
- Q.18** Who was the first Indian to become a British Member of Parliament during British rule in India?
- Ans

✗

1. Acharya J. B. Kriplani

✗

2. Gopal Krishna Gokhale

✓

3. Dadabhai Naoroji

✗

4. C. Rajagopalachari

Question ID : 5096476333

Status : Answered

Chosen Option :

Q.19 What was the name of the military general in Mughal empire who guided and took care of Akbar in his initial days when Akbar ascended the throne at the age of 14 years?

Ans

✗

1. Todar Mal

✗

2. Man Singh

✓

3. Bairam Khan

✗

4. Adham Khan

Question ID : 5096476336

Status : Answered

Chosen Option :

Q.20 King Kanishka of ancient India belonged to which of the following dynasties?

Ans

✓

1. Kushan

✗

2. Kanva

✗

3. Shunga

✗

4. Maurya

Question ID : 5096476335

Status : Answered

Chosen Option :

Q.21 Fungus living in the roots of tree wherein they share shelter and nutrition is called _____ relationship.

Ans

✓

1. symbiotic

✗

2. heterotrophic

✗

3. autotrophic

✗

4. saprotrophic

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Question ID : 5096476346

Status : Answered

Chosen Option :

Q.22 Which Indian badminton player won the Austrian Open International Challenge men's singles title held in Vienna in February 2018?

- Ans
1. Srikanth Kidambi
2. Parupalli Kashyap
3. Ajay Jayaram
4. Sourabh Verma

Question ID : 5096476331

Status : Answered

Chosen Option :

Q.23 Which sportsperson had been chosen as the flag-bearer of the Indian contingent for the opening ceremony of the Commonwealth Games 2018?

- Ans
1. Saina Nehwal
2. Mary Kom
3. P. V. Sindhu
4. Sakshi Malik

Question ID : 5096476330

Status : Answered

Chosen Option :

Q.24 Which state government has announced the three schemes of credit subsidy, relief of interest on farm loans and incentives for farmers on the occasion of 125th anniversary of farmers' uprising at Pothorughat?

- Ans
1. Arunachal Pradesh
2. Tripura
3. Assam
4. Sikkim

Question ID : 5096476324

Status : Answered

Chosen Option :

Q.25 The Jarawa Tribe inhabits:

- Ans
1. Chhattisgarh
2. The Andaman Islands
3. Jharkhand
4. Lakshadweep

Question ID : 5096476348

Status : Answered

Chosen Option :

Q.26 The process of removing fleece from the body of a sheep is called:

- Ans
1. Shearing
2. Knitting
3. Sorting

 4. Tearing

Question ID : 5096476347

Status : Answered

Chosen Option : 

Q.27 According to data from June 2018, Ministry of Drinking Water & Sanitation, rural sanitation coverage of India has risen to _____ under Swachh Bharat Mission.

- Ans  1. 70%
-  2. 85%
-  3. 60%
-  4. 92%

Question ID : 5096476343

Status : Answered

Chosen Option : 

Q.28 Which of the following popular personalities has been named “People for the Ethical Treatment of Animals (PETA)” India’s Person of the Year for 2018?

- Ans  1. Aamir Khan
-  2. Sonam Kapoor
-  3. Katrina Kaif
-  4. Salman Khan

Question ID : 5096476327

Status : Answered

Chosen Option : 

Q.29 What is the name of Arunachal Pradesh’s traditional water festival held before the commencement of the new year in which the image of Lord Buddha is given ceremonial baths with holy water?

- Ans  1. Siang River Festival
-  2. Nyokum Yullo
-  3. Sangken
-  4. Chalo Loku

Question ID : 5096476352

Status : Answered

Chosen Option : 

Q.30 What is Jadugoda known for?

- Ans  1. Handloom industry
-  2. Sandalwood forests
-  3. Uranium deposits
-  4. One-horned rhinoceros

Question ID : 5096476349

Status : Answered

Chosen Option : 

Section : General Aptitude

Q.1 The value of $0.\overline{2} \times 0.2\overline{3} - 0.0\overline{3}$ is equal to:

- Ans  1. $0.7\overline{64}$

- ✖

2.

0.1 $\overline{64}$
- ✖

3.

0.0 $\overline{851}$
- ✔

4.

0.0 $\overline{185}$

Question ID : 5096476372

Status : Answered

Chosen Option

Q.2 Choose the similar set for the following:

(8, 20, 32) : _____

- Ans
- ✖

1.

(5, 10, 25)
- ✖

2.

(6, 16, 36)
- ✔

3.

(7, 15, 23)
- ✖

4.

(9, 18, 36)

Question ID : 5096476358

Status : Answered

Chosen Option :

Q.3 Select the option that is related to the third term in the same way as the second term is related to the first term.

FTHV : KYMA :: LRNT : ?

- Ans
- ✖

1.

MAOB
- ✖

2.

KQMS
- ✔

3.

QWSY
- ✖

4.

NSPU

Question ID : 5096476356

Status : Answered

Chosen Option

Q.4 The efficiency of A is 45% less than efficiency of B. Working together, they can complete a work in 40 hours. In how many hours, A alone will complete 55% of that work in how many hours?

- Ans
- ✖

1.

65
- ✔

2.

62
- ✖

3.

68
- ✖

4.

72

Question ID : 5096476382

Status : Answered

Chosen Option :

Q.5 Six friends, A, B, C, D, E and F, are sitting around a circular table (all facing the centre). An equal number of people are sitting between A and E. B is sitting second to the left of A. C is not an immediate neighbour of A. F is sitting second to the right of E. Who is sitting between F and D?

- Ans
- ✔

1.

A
- ✖

2.

B
- ✖

3.

E
- ✖

4.

C

Question ID : 5096476363

Status : Answered

Chosen Option

Q.6 Select the option that is related to the fourth term in the same way as the first term is related to the second term.

Taj Mahal : Agra :: ? : Hyderabad

- Ans
1.

Charminar

2.

Jal Mahal

3.

Akbar Tomb

4.

Victoria Memorial

Question ID : 5096476354

Status : Answered

Chosen Option

Q.7 A person covers 30% of a journey with a speed of 40 km/h, 50% of journey with 60 km/h and rest with a speed of 40 km/h. What is his average speed for whole journey in km/h?

- Ans
1.

45

2.

48

3.

47

4.

46

Question ID : 5096476381

Status : Answered

Chosen Option

Q.8 The average of 51 numbers is 34. The average of first 26 numbers is 30 and the average of last 26 numbers is 36. If the 26th number is excluded, what is the average of remaining numbers?

- Ans
1.

35.25

2.

34.32

3.

35.04

4.

35.76

Question ID : 5096476378

Status : Answered

Chosen Option

Q.9 The sum of first 24 terms of $\frac{1}{5 \times 9} + \frac{1}{9 \times 13} + \frac{1}{13 \times 17} + \text{_____}$ is equal to:

- Ans
1.

$\frac{99}{2080}$

2.

$\frac{57}{1040}$

3.

$\frac{23}{485}$

4.

$\frac{24}{505}$

Question ID : 5096476369

Status : Answered

Chosen Option

Q.10 If $\sqrt{54 - 20\sqrt{2}} = a + b\sqrt{2}$, then $(2a + 3b)$ is equal to:

- Ans
1.

8

- ✖

2.

4
- ✖

3.

−3
- ✔

4.

11

Question ID : 5096476371

Status : Answered

Chosen Option :

Q.11 The difference between compound interest and simple interest on a certain sum at 12% per annum for 2 years is ₹ 259.20. What is the sum in rupees?

- Ans
- ✖

1.

₹ 14,000
- ✔

2.

₹ 18,000
- ✖

3.

₹ 15,000
- ✖

4.

₹ 16,000

Question ID : 5096476377

Status : Answered

Chosen Option :

Q.12 Select the option that is related to the fourth term in the same way as the first term is related to the second term.

Cricket : No Ball :: ? : Centre Forward

- Ans
- ✔

1.

Hockey
- ✖

2.

Boxing
- ✖

3.

Badminton
- ✖

4.

Volleyball

Question ID : 5096476353

Status : Answered

Chosen Option :

Q.13 A person marks his goods 35% above the cost price. He sells 40% of goods at the marked price, 25% of goods at 8% discount and remaining at 16% discount on marked price, what is his gain percent?

- Ans
- ✖

1.

25.32%
- ✖

2.

24.05%
- ✖

3.

24.16%
- ✔

4.

24.74%

Question ID : 5096476379

Status : Answered

Chosen Option :

Q.14 Select the option that is related to the third term in the same way as the second term is related to the first term.

PARIS : RHQZO :: ZURICH : ?

- Ans
- ✖

1.

XSTKEJ
- ✔

2.

GBHQTY
- ✖

3.

IDJSVA
- ✖

4.

AVSJDI

Question ID : 5096476355

Status : Answered

Chosen Option :

Q.15 What is the least value of x for which the 6-digit number $783x52$ is divisible by 12?

- Ans
- ☒ 1. 0
 - ☒ 2. 5
 - ☒ 3. 8
 - ☒ 4. 2

Question ID : 5096476375
Status : Answered
Chosen Option :

Q.16 Six friends, A, B, C, D, E and F, are sitting in a row (all of them facing north). E and F are not at the extreme ends. C is to the immediate left of A, who is at one of the extremes. E is not an immediate neighbour of C. D is third to the left of C. Who is sitting to the right of D?

- Ans
- ☒ 1. B
 - ☒ 2. F
 - ☒ 3. D
 - ☒ 4. E

Question ID : 5096476364
Status : Answered
Chosen Option :

Q.17 A vessel contains 1600 mL of pure acid. From this vessel 160 mL of solution is taken out and replaced by same quantity of water. This process is further repeated two more times. What is the amount of pure acid in the vessel?

- Ans
- ☒ 1. 1166.4 mL
 - ☒ 2. 1156.8 mL
 - ☒ 3. 1145.6 mL
 - ☒ 4. 1120 mL

Question ID : 5096476380
Status : Answered
Chosen Option :

Q.18 What is the sum of the digits of the smallest number which is perfect square and is closest to 58392?

- Ans
- ☒ 1. 30
 - ☒ 2. 28
 - ☒ 3. 24
 - ☒ 4. 10

Question ID : 5096476368
Status : Answered
Chosen Option :

Q.19 Ram walks 50 m towards the north from his house and then takes a right turn and walks 100 m. He then turns left and walks 50 m, again turns left and walks 50 m and finally turns left and walks 100 m to reach his destination. How far and in which direction is he from his house?

- Ans
- ☒ 1. 100 m, south-east
 - ☒ 2. 100 m, south
 - ☒ 3. 50 m, east
 - ☒ 4. 50 m, north-east

Question ID : 5096476365
Status : Answered
Chosen Option :

Q.20 Rohit is standing at a distance of 20 m from Amit in the north-west direction, and Nakul is standing at a distance of 20 m from Amit in the north-east direction. In which direction is Nakul with respect to Rohit?

- Ans
- ☒ 1. North
 - ☒ 2. North-west
 - ☒ 3. West
 - ☒ 4. East

Question ID : 5096476366

Status : Answered

Chosen Option :

Q.21 The value of $2.\overline{4} + 1.5\overline{67} - 3.5\overline{9}$ is equal to:

- Ans
- ☒ 1. $0.4\overline{17}$
 - ☒ 2. $0.4\overline{21}$
 - ☒ 3. $0.4\overline{12}$
 - ☒ 4. $0.4\overline{19}$

Question ID : 5096476374

Status : Answered

Chosen Option :

Q.22 Pointing to a man in a photograph, Radha said, "He is the husband of the mother-in-law of my son's father." How is the man related to Radha's sister?

- Ans
- ☒ 1. Father
 - ☒ 2. Brother
 - ☒ 3. Uncle
 - ☒ 4. Brother-in-law

Question ID : 5096476357

Status : Answered

Chosen Option :

Q.23 If $a : b = 3 : 7$, $c : b = 9 : 14$, then $2a : 3c$ is equal to:

- Ans
- ☒ 1. 1 : 3
 - ☒ 2. 4 : 9
 - ☒ 3. 2 : 3
 - ☒ 4. 1 : 7

Question ID : 5096476376

Status : Answered

Chosen Option :

Q.24 Select the option that will replace the question mark (?) in the following series.

17, 22, 29, 38, ?

- Ans
- ☒ 1. 51
 - ☒ 2. 47
 - ☒ 3. 49
 - ☒ 4. 54

Question ID : 5096476360

Status : Answered

Chosen Option

Q.25 Select the word that is different from the rest in some respect.

- Ans
1. Shovel

2. Hammer

3. Hoe

4. Plough

Question ID : 5096476362

Status : Answered

Chosen Option :

Q.26 The units' digit of $(32)^{17} + (23)^{24} - (27)^{18}$ is equal to:

- Ans
1. 6

2. 2

3. 4

4. 3

Question ID : 5096476370

Status : Answered

Chosen Option :

Q.27 Select the option that will replace the question mark (?) in the following series.

0, 7, 26, 63, 124, ?

- Ans
1. 215

2. 240

3. 260

4. 224

Question ID : 5096476359

Status : Answered

Chosen Option

Q.28 Select the word from the following options that CANNOT be formed using the letters of the given word only as many times as the letters have been used in the word.

MARATHON

- Ans
1. THORN

2. NORTH

3. ROMAN

4. OTHER

Question ID : 5096476367

Status : Answered

Chosen Option

Q.29 The total number of odd factors of 2500×7^3 is:

- Ans
1. 24

2. 20

3. 10

4. 60

Question ID : 5096476373

Status : Answered

Chosen Option :

Q.30 Arrange the following words in the order in which they appear in an English dictionary.

Waste	Watch	Wash	Wave	Warm
1	2	3	4	5

- Ans
- ☒ 1. 3, 1, 4, 5, 2
- ☒ 2. 4, 1, 2, 3, 5
- ☒ 3. 2, 3, 4, 5, 1
- ☒ 4. 5, 3, 1, 2, 4

Question ID : 5096476361

Status : Answered

Chosen Option :

Section : Teaching Aptitude

Q.1 Which of the following aims of teaching social science is most appropriate at secondary level?

- Ans
- ☒ 1.
To enable the learner to appreciate the rights of local communities in relation to their environment, the judicious utilisation of resources as well as the need for the conservation of the natural environment
- ☒ 2.
To initiate the learner into a study of India's past, with references to contemporary developments in other parts of the world
- ☒ 3.
To initiate the learner into a study of her/his own region, state and country in the global context
- ☒ 4.
To develop in the learner an understanding about the earth as the habitat of humankind and other forms of life

Question ID : 5096476396

Status : Answered

Chosen Option :

Q.2 As per Anthony Gregorc Mind Style Characteristics, which of the following is NOT TRUE with respect to Abstract Sequential learners?

- Ans
- ☒ 1. They love specific rules and regulations
- ☒ 2. They are analytical
- ☒ 3. They are theoretical
- ☒ 4. They are critical

Question ID : 5096476387

Status : Answered

Chosen Option :

Q.3 The word that is NOT included in the 3 'R's of the SQ3R method of reading is:

- Ans
- ☒ 1. Recite
- ☒ 2. Review
- ☒ 3. Recap
- ☒ 4. Read

Question ID : 5096476397

Status : Answered

Chosen Option :

Q.4 Which of the following fields involves systematising, defending and recommending concepts of right and wrong behaviour?

- Ans

✓

1. Ethics

✗

2. Epistemology

✗

3. Metaphysics

✗

4. Theodicy
- Question ID : 5096476398

Status : Answered

Chosen Option :
- Q.5** As per Bronfenbrenner, a child experiences cognitive development in the context of a complex system of relationships, the parent child interaction is called a/an:
- Ans

✓

1. microsystem

✗

2. endosystem

✗

3. exosystem

✗

4. mesosystem

Question ID : 5096476383

Status : Answered

Chosen Option :

Q.6 Which of the following is considered as a function of language?

Ans

✗

1. The symbols of language are vocal.

✓

2. Language is directive.

✗

3. Language is a system.

✗

4. Language is made up of habit.

Question ID : 5096476390

Status : Answered

Chosen Option :

Q.7 Which of the following statements hold true according to Mendel's Theory of Heredity?

Ans

✗

1. Struggle for existence and survival of the fittest are the two most important aspects for reproduction.

✓

2. The cause of variation in the offspring is due to dominant and recessive genes.

✗

3. It is the germ plasma that is transmitted from generation to generation.

✗

4. Heredity does not go to immediate parents but remote ancestors.

Question ID : 5096476385

Status : Answered

Chosen Option :

Q.8 Which of the following is an example of specific instructional objective?

Ans

✓

1. From the list of given metals, the learner will be able to identify the first five highly ductile metals

✗

2. The pupil understands different parts of the human body

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24/40

- ☒ 3. The pupil acquires knowledge about photosynthesis
- ☒ 4. The pupil develops favourable attitude

Question ID : 5096476391

Status : Answered

Chosen Option :

Q.9 Which of the following methods CANNOT be used to introduce a concept in science?

- Ans ☒ 1. Easy-to-difficult method
- ☒ 2. Simple-to-complex method
- ☒ 3. Known-to-unknown method
- ☒ 4. Abstract-to-concrete method

Question ID : 5096476395

Status : Answered

Chosen Option :

Q.10 As per Guilford, when information is generated from the given information emphasising on achieving conventionally accepted best outcomes, it is called:

- Ans ☒ 1. divergent thinking
- ☒ 2. convergent thinking
- ☒ 3. cognition
- ☒ 4. evaluation

Question ID : 5096476386

Status : Answered

Chosen Option :

Q.11 People who start living near a loud highway will hear all the noises of the vehicles near the highway on their first day there. However, the longer they live there, the more they get used to the sound and the less it bothers them. This is known as:

- Ans ☒ 1. habituation learning
- ☒ 2. associative learning
- ☒ 3. sensitisation learning
- ☒ 4. observation learning

Question ID : 5096476389

Status : Answered

Chosen Option :

Q.12 In special education, an intervention that is aimed at reducing or eliminating the effects of existing risk factors is called a:

- Ans ☒ 1. preventive intervention
- ☒ 2. tertiary prevention
- ☒ 3. remedial intervention
- ☒ 4. secondary intervention

Question ID : 5096476401

Status : Answered

Chosen Option :

Q.13

Deena is a 16-year-old girl good at communicating verbally, creates positive relationship with others, understands different perspectives and resolves conflicts well in groups. Considering Howard Gardner MI Theory, which Intelligence is dominating in Deena as per the given description?

- Ans
- ☒

1. Interpersonal
- ☐

2. Linguistic–Verbal
- ☐

3. Bodily–Kinesthetic
- ☐

4. Visual–Spatial

Question ID : 5096476388

Status : Answered

Chosen Option :

Q.14 Identify the unconditioned stimulus from the following.

- Ans
- ☐

1. Sweating
- ☒

2. Shock
- ☐

3. Blink
- ☐

4. Salivation

Question ID : 5096476384

Status : Answered

Chosen Option :

Q.15 The social system in which the father is the head of the household and has control over property and better social privileges is called a:

- Ans
- ☒

1. patriarchal society
- ☐

2. patrilocal society
- ☐

3. matriarchal society
- ☐

4. autocratic society

Question ID : 5096476394

Status : Answered

Chosen Option :

Q.16 Which of these statements is NOT true with respect to Eclectic Counselling?

- Ans
- ☐

1. The Counsellor is neither too active nor too passive
- ☐

2.

Based on the needs of the counselee, counsellor chooses directive or Non directive Techniques

- ☒

3. Counselling is not Client Centered
- ☐

4.

It is a combination of Directive and Non Directive Counselling

Question ID : 5096476399

Status : Answered

Chosen Option :

Q.17 Which of the following is NOT a component of the skills of stimulus variation?

- Ans
- ☐

1. Audio-visual switching
- ☐

2. Pausing
- ☒

3. Negative verbal reinforcement

4. Change in interaction pattern

Question ID : 5096476392

Status : Answered

Chosen Option :

Q.18 _____ is a unique form of rural entertainment in Tamil Nadu, which literally means street theatre. Some influence of classical Sanskrit drama is apparent on it. Performed in the open, mostly during temple festivals in villages, this theatre primarily draws from mythological stories and epics.

- Ans
- 1. Swang
 - 2. Tamasha
 - 3. Therukoothu
 - 4. Yakshagana

Question ID : 5096476400

Status : Answered

Chosen Option :

Q.19 Inattention, hyperactivity and impulsivity are the key symptoms of:

- Ans
- 1. ADHD
 - 2. autism
 - 3. cerebral palsy
 - 4. Down syndrome

Question ID : 5096476402

Status : Answered

Chosen Option :

Q.20 The act of being fair to men and women is known as:

- Ans
- 1. gender role
 - 2. gender equality
 - 3. gender awareness
 - 4. gender equity

Question ID : 5096476393

Status : Answered

Chosen Option :

Section : Concerned Subject Knowledge

Q.1 Identify the INCORRECT pair from options given below.

- Ans
- 1. Wasp : Insecta
 - 2. Crab : Crustacean
 - 3. Dragon fly : Arachnida
 - 4. Millipede : Myriapoda

Question ID : 5096476404

Status : Answered

Chosen Option :

Q.2 Epineurium is:

- Ans
- ☒ 1. lining of central canal of spinal cord
 - ☐ 2. outermost covering of nerve
 - ☐ 3. outermost covering of axon
 - ☐ 4. lining of presynaptic membrane

Question ID : 5096476424

Status : Answered

Chosen Option :

Q.3 Identify the INCORRECT pair about body part and muscle type from options given below.

- Ans
- ☒ 1. Blood vessel : Cardiac muscle
 - ☐ 2. Skin : Smooth muscle
 - ☐ 3. Eyelid : Skeletal muscle
 - ☐ 4. Right atrium : Cardiac muscle

Question ID : 5096476420

Status : Answered

Chosen Option :

Q.4 Which of the following products CANNOT be obtained by biotechnological processes?

- Ans
- ☐ 1. Beer
 - ☐ 2. Insulin
 - ☒ 3. Hybrid seeds
 - ☐ 4. Antibodies

Question ID : 5096476456

Status : Answered

Chosen Option :

Q.5 Mitral valve is present at:

- Ans
- ☐ 1. opening of pulmonary artery in right ventricle
 - ☐ 2. right atrioventricular opening
 - ☐ 3. opening of aorta in left ventricle
 - ☒ 4. left atrioventricular opening

Question ID : 5096476427

Status : Answered

Chosen Option :

Q.6 Hanging process of the free border of soft palate is called:

- Ans
- ☒ 1. Uvula
 - ☐ 2. Clitoris
 - ☐ 3. Gingivae
 - ☐ 4. Frenulum

Question ID : 5096476429

Status : Answered

Chosen Option :

Q.7 Which of the following enzymes is common in the process of DNA replication as well as RNA transcription?

- Ans
- ☒ 1. Gyrase
 - ☒ 2. Topoisomerase
 - ☒ 3. RNA polymerase
 - ☒ 4. DNA polymerase

Question ID : 5096476446
Status : Answered
Chosen Option :

Q.8 Identify the tissue from the following options that is NOT found in vascular bundle of plants.

- Ans
- ☒ 1. Fibre
 - ☒ 2. Parenchyma
 - ☒ 3. Sieve tube
 - ☒ 4. Epidermis

Question ID : 5096476403
Status : Answered
Chosen Option :

Q.9 Edaphic factor relates to attributes of:

- Ans
- ☒ 1. soil
 - ☒ 2. energy
 - ☒ 3. climate
 - ☒ 4. food

Question ID : 5096476440
Status : Answered
Chosen Option :

Q.10 Which of the following phenomenon would contribute to decline in population?

- Ans
- ☒ 1. Low mortality
 - ☒ 2. High natality
 - ☒ 3. High natality & low mortality
 - ☒ 4. Low natality & high mortality

Question ID : 5096476439
Status : Answered
Chosen Option :

Q.11 Which of the following correctly represent ventricular depolarization in a cardiac cycle?

- Ans
- ☒ 1. QRS complex
 - ☒ 2. T wave
 - ☒ 3. P wave & QRS complex both
 - ☒ 4. P wave

Question ID : 5096476414
Status : Answered
Chosen Option :

Q.12 Which of the following is a noninvasive prenatal test to diagnose fetal disorders?

- Ans
- ☒ 1. Amniocentesis
 - ☒ 2. Angiography
 - ☒ 3. Alpha - fetoprotein test
 - ☒ 4. Chorionic villi sampling

Question ID : 5096476432

Status : Answered

Chosen Option :

Q.13 Which of the following organisms CANNOT be exploited as biocontrol agent in agricultural practices?

- Ans
- ☒ 1. Ladybirds
 - ☒ 2. Aphids
 - ☒ 3. Dragonflies
 - ☒ 4. Trichoderma

Question ID : 5096476454

Status : Answered

Chosen Option :

Q.14 Which of the following plant hormones is responsible for ripening of fruit?

- Ans
- ☒ 1. Absciscic acid
 - ☒ 2. Cytokine
 - ☒ 3. Ethane
 - ☒ 4. Auxin

Question ID : 5096476419

Status : Answered

Chosen Option :

Q.15 In which of the following conditions the rate of enzyme reaction make a plateau?

- Ans
- ☒ 1. At high substrate concentration.
 - ☒ 2. At low substrate concentration.
 - ☒ 3. At intermediate substrate concentration.
 - ☒ 4. At high as well as low substrate concentration both.

Question ID : 5096476418

Status : Answered

Chosen Option :

Q.16 Which of the following techniques can be used for identification of antibodies ?

- Ans
- ☒ 1. Southern blotting
 - ☒ 2. Northern blotting
 - ☒ 3. Chromatography
 - ☒ 4. Western blotting

Question ID : 5096476457

Status : Answered

Chosen Option :

Q.17 Olecranon process is a part of the bone:

- Ans
1. Radius
2. Ulna
3. Femur
4. Tibia

Question ID : 5096476421

Status : Answered

Chosen Option :

Q.18 Which of the following diseases can be categorized as occupational disease?

- Ans
1. Diabetes
2. Hypertension
3. Schizophrenia
4. Silicosis

Question ID : 5096476460

Status : Answered

Chosen Option :

Q.19 If a scientist develops a bacterial strain which is resistant to all known antibiotics and releases the same into the water body of another country. This can be called:

- Ans
1. Bio piracy
2. Bioterrorism
3. Bioremediation
4. Bio fortification

Question ID : 5096476447

Status : Answered

Chosen Option :

Q.20 Which of the following taxonomic groups does NOT belong to phylum Arthropod?

- Ans
1. Myriapoda
2. Cephalopoda
3. Crustacean
4. Arachnida

Question ID : 5096476413

Status : Answered

Chosen Option :

Q.21 Which of the below theories provides explanation for the origin of life on earth?

- Ans
1. Mutation theory
2. Coupling and repulsion hypothesis
3. Inheritance of acquired character theory
4. Oparin – Haldane theory

Question ID : 5096476449

Status : **Answered**

Chosen Option :

Q.22 Ruling reptiles dinosaurs have been calculated to be existed during:

- Ans
1. Paleozoic era
2. Archeozoic era
3. Mesozoic era
4. Cenozoic era

Question ID : **5096476408**

Status : **Answered**

Chosen Option :

Q.23 What is a withdrawal syndrome?

- Ans
1.
- A situation in which pest population increase after stopping use of pesticide.
2.
- Unpleasant manifestation of behavior of a person after abrupt stoppage of use of drug.
3.
- The manifestation of thyroid hormone imbalance in the body.
4. A situation of fear of high altitude.

Question ID : **5096476459**

Status : **Answered**

Chosen Option :

Q.24 Main body of the ovule of a flower is called:

- Ans
1. Funicle
2. Chalaza
3. Follicle
4. Nucellus

Question ID : **5096476433**

Status : **Answered**

Chosen Option :

Q.25 Which type of mutation would a base analog induce?

- Ans
1. Deletion
2. Inversion
3. Duplication
4. Substitution

Question ID : **5096476443**

Status : **Answered**

Chosen Option :

Q.26 Which of the following is NOT a lymphoid organ?

- Ans
1. Thymus
2. Bone marrow

- ☒ 3. Lymph nodes
- ☒ 4. Thyroid

Question ID : 5096476452

Status : Answered

Chosen Option :

Q.27 Identify the most appropriate reason for opposition of genetically modified crop.

- Ans ☒ 1. It does not increase crop productivity.
- ☒ 2. These crops are complicated to be harvested.
- ☒ 3.
- Fear of getting the undesired gene incorporated in non-target crop plants.
- ☒ 4. It may lead to reduction of employment in farming sector.

Question ID : 5096476461

Status : Answered

Chosen Option :

Q.28 Cisternae is a structure found in:

- Ans ☒ 1. Plasma membrane
- ☒ 2. Golgi body
- ☒ 3. Mitochondria
- ☒ 4. Plastid

Question ID : 5096476410

Status : Answered

Chosen Option :

Q.29 Identify the term that is NOT used in tissue culture.

- Ans ☒ 1. Explants
- ☒ 2. Soma clones
- ☒ 3. Implants
- ☒ 4. Micro propagation

Question ID : 5096476448

Status : Answered

Chosen Option :

Q.30 Respiratory centre is a part of:

- Ans ☒ 1. reflex action
- ☒ 2. peripheral nervous system
- ☒ 3. autonomous nervous system
- ☒ 4. central nervous system

Question ID : 5096476426

Status : Answered

Chosen Option :

Q.31 Which of the following is NOT the fate of glucose in body?

- Ans
- ☒ 1. Glycogen synthesis
 - ☒ 2. Amino acid synthesis
 - ☒ 3. Cellulose synthesis
 - ☒ 4. Glycerol synthesis

Question ID : 5096476430

Status : Answered

Chosen Option :

Q.32 Which of the following ion channels randomly alternate between open and closed position?

- Ans
- ☒ 1. Voltage - gated channel
 - ☒ 2. Mechanically - gated channel
 - ☒ 3. Leak channels
 - ☒ 4. Ligand - gated channel

Question ID : 5096476423

Status : Answered

Chosen Option :

Q.33 Which of the following characters of garden pea plant was NOT selected by Mendel for his hybridization experiment from options given below?

- Ans
- ☒ 1. Shape of pod
 - ☒ 2. Position of flower
 - ☒ 3. Aestivation in flower
 - ☒ 4. Colour of seed

Question ID : 5096476405

Status : Answered

Chosen Option :

Q.34 In which of the following assisted reproductive technology transfer in female reproductive tract is facilitated after fertilization of ovum?

- Ans
- ☒ 1. Iut
 - ☒ 2. Iui
 - ☒ 3. Ai
 - ☒ 4. Gift

Question ID : 5096476437

Status : Answered

Chosen Option :

Q.35 Component of skeletal muscle involved in the breakdown of ATP is:

- Ans
- ☒ 1. Myosin
 - ☒ 2. G-actin
 - ☒ 3. F-actin
 - ☒ 4. Tropomyosin

Question ID : 5096476416

Status : Answered

Chosen Option :

Q.36 Enzyme responsible for cleaving fructose - 1, 6 – bisphosphate into two three carbon compound during glycolysis is:

- Ans
- ☐ 1. Phosphofructokinase
 - ☐ 2. Triose phosphate isomerase
 - ☐ 3. Hexokinase
 - ☒ 4. Fructose-bis-phosphate aldolase

Question ID : 5096476417

Status : Answered

Chosen Option : ☐

Q.37 The innermost layer of firmly attached granulosa cells in Gratian follicle is called:

- Ans
- ☐ 1. theca intern
 - ☐ 2. zona pellucid
 - ☐ 3. basement membrane
 - ☒ 4. corona radiate

Question ID : 5096476431

Status : Answered

Chosen Option : ☐

Q.38 Which of the following is NOT a part of Diencephalon of human brain?

- Ans
- ☐ 1. Thalamus
 - ☐ 2. Hypothalamus
 - ☐ 3. Epithalamus
 - ☒ 4. Cerebrum

Question ID : 5096476425

Status : Answered

Chosen Option : ☐

Q.39 Which of the following components is NOT found in the kidney of human from the options given below?

- Ans
- ☐ 1. Hilum
 - ☒ 2. Vasa efferentia
 - ☐ 3. Vasa recta
 - ☐ 4. Calyx

Question ID : 5096476462

Status : Answered

Chosen Option : ☐

Q.40 F-factor present in bacteria is responsible for:

- Ans
- ☐ 1. transformation one form of bacteria to the other.
 - ☒ 2. transfer of genetic material from one bacterium to the other.
 - ☐ 3. inhibition of viral infection into the bacterial cell.
 - ☐ 4. replication of bacterial DNA.

Question ID : 5096476406

Status : Answered

Chosen Option : ☐

Q.41 Maintained contraction or tetanus can occur in:

- Ans
- ☒ 1. cardiac muscle
 - ☒ 2. cardiac and smooth muscle both
 - ☒ 3. skeletal muscle
 - ☒ 4. cardiac and skeletal muscle both

Question ID : 5096476428
Status : Answered
Chosen Option :

Q.42 Which of the following is a WRONG pair about number of chromosome in an embryo of flowering plant?

- Ans
- ☒ 1. Antipodal cell : 3n
 - ☒ 2. Zygote : 2n
 - ☒ 3. Egg cell : n
 - ☒ 4. Primary endosperm nucleus : 3n

Question ID : 5096476435
Status : Answered
Chosen Option :

Q.43 Nissl body consists of:

- Ans
- ☒ 1. smooth endoplasmic reticulum only
 - ☒ 2. ribosomes & rough endoplasmic reticulum
 - ☒ 3. lysosomes & ribosomes
 - ☒ 4. lysosomes only

Question ID : 5096476422
Status : Answered
Chosen Option :

Q.44 In a monohybrid cross, if a heterozygote is crossed with homozygous recessive, then which of the following would NOT be observed among off spring?

- Ans
- ☒ 1. Recessive homozygous
 - ☒ 2. Dominant homozygous
 - ☒ 3. Heterozygous and recessive homozygous
 - ☒ 4. Heterozygous

Question ID : 5096476442
Status : Answered
Chosen Option :

Q.45 Which of the following options correctly explains Epiphyllous condition?

- Ans
- ☒ 1. Position of ovary is inferior to other flower parts.
 - ☒ 2. Condition of flower in which carpels are fused.
 - ☒ 3. Condition of flower in which stamens are attached to perianth.
 - ☒ 4.

Condition of flower in which many stamens are united to form one bunch.

Question ID : 5096476411

Status : Answered

Chosen Option :

Q.46 Which of the following organism is a part of relationship called commensalism?

- Ans
- 1. Plan aria
 - 2. Liver fluke
 - 3. Hermit crab
 - 4. Round worm

Question ID : 5096476409

Status : Answered

Chosen Option :

Q.47 Dideoxy nucleotides are:

- Ans
- 1. found in RNA
 - 2. found in DNA
 - 3. used in DNA sequencing
 - 4. used in PCR

Question ID : 5096476444

Status : Answered

Chosen Option :

Q.48 Which of the following is NOT an exclusive device to be used by females to avoid conception during coitus?

- Ans
- 1. Condom
 - 2. Diaphragm
 - 3. Vaults
 - 4. Cervical cap

Question ID : 5096476436

Status : Answered

Chosen Option :

Q.49 Which of the following groups represents algae?

- Ans
- 1. Phycomycetous
 - 2. Basidiomycetes
 - 3. Phaeophyceae
 - 4. Chrysophytes

Question ID : 5096476407

Status : Answered

Chosen Option :

Q.50 Identify the hormone, which is NOT secreted by anterior lobe of Pituitary gland.

- Ans
- 1. Thyroxine
 - 2. Luteinizing hormone

- ☒ 3. Corticotrophin
- ☒ 4. Somatotropin

Question ID : 5096476415

Status : Answered

Chosen Option :

Q.51 Identify the attribute of a plasmid-cloning factor without which one would NOT be able to identify the clone.

- Ans ☒ 1. Selectable marker
- ☒ 2. Ori site
- ☒ 3. Recognition site
- ☒ 4. Restriction endonuclease site

Question ID : 5096476455

Status : Answered

Chosen Option :

Q.52 Which of the following is NOT a part of secondary treatment in a sewage treatment plant?

- Ans ☒ 1. Reduction of BOD
- ☒ 2. Aeration
- ☒ 3. Sedimentation of solids
- ☒ 4. Microbial treatment

Question ID : 5096476453

Status : Answered

Chosen Option :

Q.53 In reed - swamp stage of ecological succession plants are:

- Ans ☒ 1. rooted but shoots are exposed to air
- ☒ 2. as phytoplankton's
- ☒ 3. submerged
- ☒ 4. free floating

Question ID : 5096476441

Status : Answered

Chosen Option :

Q.54 Identify the type of immune response that is an acquired immunity.

- Ans ☒ 1. Humoral immunity
- ☒ 2. Physiological barrier immunity
- ☒ 3. Cellular barrier immunity
- ☒ 4. Cytokine barrier immunity

Question ID : 5096476451

Status : Answered

Chosen Option :

Q.55 Identify the biomolecule from options given below that does NOT contain nitrogen.

- Ans ☒ 1. Chitin

- ☒ 2. Nucleic acid
- ☒ 3. Glycerol
- ☒ 4. Polypeptide chain

Question ID : 5096476412

Status : Answered

Chosen Option :

Q.56 Identify the process in which seeds are produced WITHOUT fertilization.

- Ans ☒ 1. Apomixes
- ☒ 2. Budding
- ☒ 3. Embryo transfer
- ☒ 4. Encystation

Question ID : 5096476438

Status : Answered

Chosen Option :

Q.57 Cri du chat disorder is caused due to:

- Ans ☒ 1. mutation of a gene on Y- chromosome
- ☒ 2. thyroid hormonal imbalance
- ☒ 3. trisomy of 21st chromosome
- ☒ 4. deletion in chromosome No. 5

Question ID : 5096476445

Status : Answered

Chosen Option :

Q.58 Identify the mechanism that does NOT favour cross-pollination in flowering plants.

- Ans ☒ 1. Protogyny
- ☒ 2. Dioecious plants
- ☒ 3. Closed flower
- ☒ 4. Protandry

Question ID : 5096476434

Status : Answered

Chosen Option :

Q.59 Which of the following is responsible for severe combined immunodeficiency?

- Ans ☒ 1. Adenosine deaminase deficiency
- ☒ 2. Simian immunodeficiency virus
- ☒ 3. G-6 PD deficiency
- ☒ 4. Human immunodeficiency virus

Question ID : 5096476458

Status : Answered

Chosen Option :

Q.60 Which of the following attribute provides appropriate justification for the theory of natural selection?

- Ans
1. Acquired character

2. Mutation

3. Migration

4. Variation

Question ID : 5096476450

Status : Answered

Chosen Option :