



GOVT. OF NCT OF DELHI
Delhi Subordinate Services Selection Board
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Participant ID	
Participant Name	
Test Center Name	
Test Date	25/09/2021
Test Time	4:30 PM - 6:30 PM
Subject	TGT Natural Science-(Female)

Section : General Ability

Q.1 In the following question, select the missing number from the given series.

57, 61, 70, ?, 111, 147

Ans ☒ A. 86

☐ B. 94

☐ C. 100

☐ D. 105

Question ID : 9277598723

Q.2 In a class of fifty students, Geeta's rank is thirty-two from the left end. What is her rank from the right end?

Ans ☐ A. 18

☒ B. 19

☐ C. 17

☐ D. 20

Question ID : 9277598716

Q.3 From the given alternatives select the one in which the question figure is hidden/embedded.



Ans

✗ A.



✗ B.



✗ C.



✓ D.



Question ID : 9277598727

Q.4 Two statements are followed by two conclusions numbered I and II. You have to consider these statements to be true, even if they seem to be at variance with commonly known facts. Decide which of the given conclusions logically follow/s from the given statement.

Statement:

All gates are farm.

Some farm are not crop.

Conclusions:

(I) No gate is crop.

(II) Some farm are gate.

Ans ✓ A. Only II follows

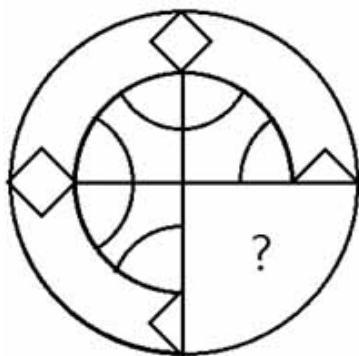
✗ B. Only I follow

✗ C. Neither I nor II follows

✗ D. Both I and II follow

Question ID : 9277598718

Q.5 From the given alternatives select the one that will complete the question figure.



Ans

☒ A.



☒ B.



☒ C.



☒ D.



Question ID : 9277598730

Q.6 Find the wrong term in the letter-cluster series given below:

UFVE, YJRA, CNNW, GRKS, KVFO

Ans ☒ A. YJRA

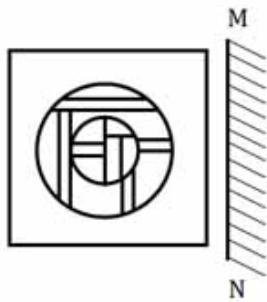
☒ B. KVFO

☒ C. GRKS

☒ D. CNNW

Question ID : 9277598711

Q.7 From the given alternatives select the one which is the mirror image of given Question Figure .

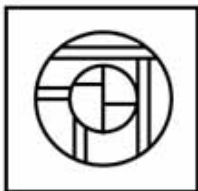


Ans

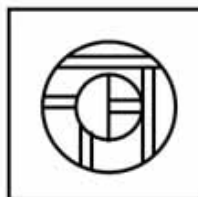
✓ A.



✗ B.



✗ C.

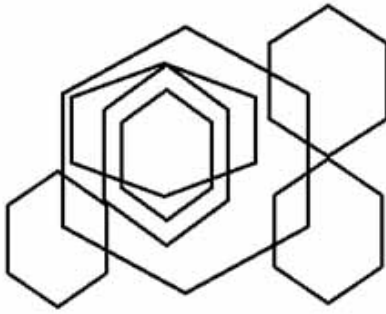


✗ D.



Question ID : 9277598728

Q.8 Find the number of hexagon in the given figure.



- Ans ☒ A. 10
☒ B. 9
☒ C. 8
☒ D. 7

Question ID : 9277598729

Q.9 Find the missing term in the following letter-cluster series given below:

SAG26, VGP29, YMY35, ?, EYQ56

- Ans ☒ A. CSH44
☒ B. BSH44
☒ C. BSH45
☒ D. BTH44

Question ID : 9277598712

Q.10 Select the related letters from the given alternatives.

NZP : GMH :: XTL : ?

- Ans ☒ A. JFL
☒ B. JLF
☒ C. LJF
☒ D. QME

Question ID : 9277598713

Q.11 In the following question, select the related number from the given alternatives.

11 : 119 :: 15 : ?

- Ans ☒ A. 152
☒ B. 233
☒ C. 154
☒ D. 223

Question ID : 9277598721

Q.12 Three statements are followed by two conclusions numbered I and II. You have to consider these statements to be true, even if they seem to be at variance with commonly known facts. Decide which of the given conclusions logically follow/s from the given statement.

Statement:

Atleast some fishes are snake.
Few snakes are crocodile.
Few crocodile are ants.

Conclusions:

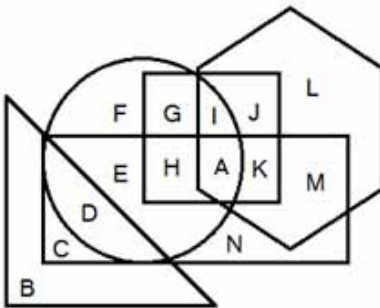
(I) Some crocodile are not fish.
(II) Few crocodile are snakes.

- Ans** ☒ A. Only II follows
☐ B. Neither I nor II follows
☐ C. Only I follow
☐ D. Both I and II follow

Question ID : 9277598719

Q.13 In the following figure, triangle represents professor, circle represents architect, hexagon represents advocate, rectangle represents entertainer and square represents entrepreneur.

What does letter 'A' represents?



- Ans** ☐ A. Group of entrepreneur, architect, professors and entertainer but not advocate
☒ B. Group of entrepreneur, architect, advocate and entertainer but not professors
☐ C. Group of professors, architect, advocate and entertainer but not entrepreneur
☐ D. Group of advocate, entrepreneur, professors and entertainer but not architect

Question ID : 9277598725

Q.14 In the question below, a statement is followed by two conclusions. Study the conclusions and select the correct option as the answer.

Statement:

$G > A = N < K \geq B$

Conclusions:

I. $B > A$
II. $A = K$

- Ans** ☐ A. Only I follows
☐ B. Both I and II follow
☐ C. Either I or II follows
☒ D. Neither I nor II follows

Question ID : 9277598722

Q.15 If in a certain language, LECTURER is coded as "85329656". How is 'ULCER' coded in that code?

Ans  A. 98356

 B. 38316

 C. 88316

 D. 98321

Question ID : 9277598715

Q.16 Three statements are followed by three conclusions numbered I, II and III. You have to consider these statements to be true, even if they seem to be at variance with commonly known facts. Decide which of the given conclusions logically follow/s from the given statement.

Statement:

All vehicles are ticket.

Some tickets are metro.

All metro are highway.

Conclusions:

(I) Some highway are metro.

(II) Some ticket are vehicles.

(III) Some metro are highway.

Ans  A. Only I follow

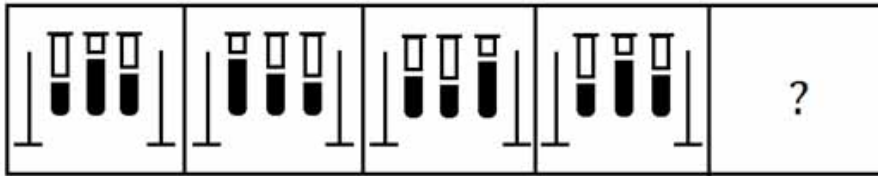
 B. All follows

 C. Only II follows

 D. Only III follows

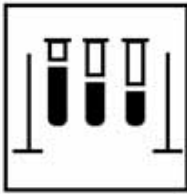
Question ID : 9277598720

Q.17 Select the figure that will replace the question mark (?) in the following figure series.



Ans

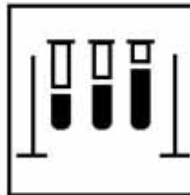
✓ A.



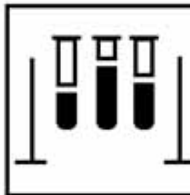
✗ B.



✗ C.



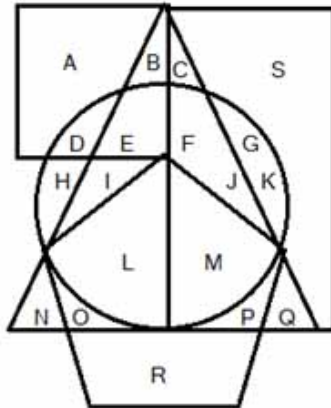
✗ D.



Question ID : 9277598726

Q.18 In the following figure, triangle represents defense sector, circle represents state government exams, pentagon represents railways, rectangle represents aspirants and square represents private company.

What does letter 'F' represents?



- Ans
- ☒ A. Aspirants who are preparing for railways and state government exam only
 - ☒ B. Aspirants who are preparing for private company and state government exams only
 - ☒ C. Aspirants who are preparing for defense sector and state government exams only
 - ☒ D. Aspirants who are preparing for state government exams only

Question ID : 9277598724

Q.19 Find out the odd word from the given alternatives.

- Ans
- ☒ A. Cinnamon
 - ☒ B. Black Pepper
 - ☒ C. Salt
 - ☒ D. Red chilli

Question ID : 9277598714

Q.20 Six friends Aman, Raman, Deepu, Lalit, Aditya and Shivam likes different colors i.e. Pink, Yellow, White, Green, Red and Violet, but not necessarily in the same order. Each of them studies in a different college. i.e. A, B, C, D, E and F, but not necessarily in the same order. Lalit likes Green but does not study in college A or E. Aditya studies in college F but does not like pink. Shivam does not study in college D or E. Deepu likes Violet and studies in college C. Aman studies in college B and likes white. The one who like red and studies in college E.

Who likes redcolor?

- Ans
- ☒ A. Shivam
 - ☒ B. Deepu
 - ☒ C. Aditya
 - ☒ D. Raman

Question ID : 9277598717

Q.1 In _____ Nepal adopted an interim Constitution.

Ans ☒ A. 2007

☒ B. 2006

☒ C. 2005

☒ D. 2009

Question ID : 9277598740

Q.2 Tidal energy is energy obtained through _____.

Ans ☒ A. Biomass

☒ B. Oceanic tides

☒ C. Sunlight

☒ D. Wind

Question ID : 9277598745

Q.3 Who won the Presidency of the 76th Session of the United Nations General Assembly (UNGA)?

Ans ☒ A. Abdulla Samar Abbas

☒ B. Abdulla Shahid

☒ C. Abdulla Moin

☒ D. Abdulla Shafiq

Question ID : 9277598750

Q.4 _____ is the fourth highest civilian award in the Republic of India.

Ans ☒ A. Padma Bhushan

☒ B. Bharat Ratna

☒ C. Padma Vibhushan

☒ D. Padma Shri

Question ID : 9277598735

Q.5 The _____ party's symbol is flowers and grass.

Ans ☒ A. Communist Party of India

☒ B. All India Trinamool Congress

☒ C. Bahujan Samaj Party

☒ D. Nationalist Congress Party

Question ID : 9277598741

Q.6 _____ नृत्य, एक एकल नृत्य है।

Ans ☒ A. ओडिसी

☒ B. कुचिपुड़ी

☒ C. मोहिनीअट्टम

☒ D. ओट्टन थुल्लाल

Question ID : 9277598732

Q.7 Removing barriers or restrictions set by the government on trade is known as ____.

- Ans ☒ A. Liberalisation
☒ B. Arbitration
☒ C. Privatisation
☒ D. Globalisation

Question ID : 9277598739

Q.8 मानवीय राहत और सामाजिक कार्य करने के लिए 1896 में रामकृष्ण मिशन की स्थापना किसने की थी?

- Ans ☒ A. स्वामी रामकृष्ण परमहंस
☒ B. स्वामी दयानंद सरस्वती
☒ C. गोपाल कृष्ण गोखले
☒ D. स्वामी विवेकानंद

Question ID : 9277598747

Q.9 _____ is the oldest form of composition of the Hindustani vocal music.

- Ans ☒ A. Gazal
☒ B. Tappa
☒ C. Thumri
☒ D. Dhrupad

Question ID : 9277598733

Q.10 _____ को 'भारत के फ्लाइंग सिख' के रूप में जाना जाता था।

- Ans ☒ A. मिल्खा सिंह
☒ B. फौजा सिंह
☒ C. हरभजन सिंह
☒ D. बुधिया सिंह

Question ID : 9277598734

Q.11 The red color of tomatoes is due to ____ .

- Ans ☒ A. Lycopene
☒ B. Acetone and Carotene
☒ C. Acetone
☒ D. Carotene

Question ID : 9277598743

Q.12 When was the second battle of Panipat fought?

- Ans ☒ A. 1757
☒ B. 1572
☒ C. 1526
☒ D. 1556

Question ID : 9277598749

Q.13 Monazite sand does not contain _____.

- Ans ☒ A. Ianthanum
☒ B. Cerium
☒ C. Thorium
☒ D. Actinium

Question ID : 9277598746

Q.14 Which are the two sectors in terms of ownership of assets or services?

- Ans ☒ A. Primary and Secondary
☒ B. Public and Private
☒ C. Open and Close
☒ D. Direct and Indirect

Question ID : 9277598738

Q.15 What is the number of isotopes of hydrogen?

- Ans ☒ A. 1
☒ B. 7
☒ C. 3
☒ D. 5

Question ID : 9277598742

Q.16 What is the population of rural India as per 2011 Census?

- Ans ☒ A. About 933 million
☒ B. About 733 million
☒ C. About 833 million
☒ D. About 783 million

Question ID : 9277598744

Q.17 During which Viceroy's tenure was the Simon Commission appointed?

- Ans ☒ A. Lord Chelmsford
☒ B. Lord Irwin
☒ C. Lord Wellesley
☒ D. Lord Wellington

Question ID : 9277598748

Q.18 The paintings at Ajanta depict stories of the _____.

- Ans ☒ A. Panchatantra
☒ B. Jatakas
☒ C. Mahabharat
☒ D. Ramayana

Question ID : 9277598731

Q.19 किस महिला पर्वतारोही ने "एक महिला द्वारा विश्व की सबसे तेज एवरेस्ट चढ़ाई" दर्ज की?

- Ans ☒ A. प्रेमलता अग्रवाल
☒ B. बछेंद्री पाल
☒ C. त्सांग यिन-हंग
☒ D. संतोष यादव

Question ID : 9277598736

Q.20 _____ has been conferred with the "Green Urja Award" for being the Leading Public Institution in the Financing Institution for Renewable Energy this year.

- Ans ☒ A. Sálim Ali Centre for Ornithology and Natural History (SACON)
☒ B. Larsen & Toubro Limited(LNT)
☒ C. Bombay Natural History Society (BNHS)
☒ D. Indian Renewable Energy Development Agency Ltd. (IREDA)

Question ID : 9277598737

Section : Arithmetic Ability

Q.1 अरिहंत एक निश्चित काम करना शुरू करता है। 4 दिनों के बाद, अरुण, जो अरिहंत से आधा कार्यकुशल है, उसी कार्य पर कार्य करना शुरू करता है। नतीजतन, काम 9 अधिक दिनों में पूरा होता है। यदि अरुण अकेले कार्य करता है तो कार्य को पूरा करने में कितना समय लगेगा?

- Ans ☒ A. 35 दिन
☒ B. 38 दिन
☒ C. 39 दिन
☒ D. 32 दिन

Question ID : 9277598765

Q.2 What value will come in place of question mark (?) in the following question?

$$\frac{3 \times 3 \times 3 + 5 \times 5 \times 5}{(3)^2 + (5)^2 - 3 \times 5} = ?$$

- Ans ☒ A. 8
☒ B. 13
☒ C. 12
☒ D. 15

Question ID : 9277598753

Q.3 What is the difference between simple interest and compound interest on a sum of Rs.1200 for one year at 10 percent per annum, compounded half yearly?

- Ans
- ☒ A. Rs.30
 - ☒ B. Rs.6
 - ☒ C. Rs.3
 - ☒ D. Rs.60

Question ID : 9277598762

Q.4 The ratio of the ages of Dev and his son is 4 : 1 respectively. After 11 years, their ages will be in the ratio 13 : 6 respectively. What was Dev's age when his son was born?

- Ans
- ☒ A. 23 years
 - ☒ B. 24 years
 - ☒ C. 25 years
 - ☒ D. 21 years

Question ID : 9277598761

Q.5 By selling 45 laddus for Rs. 40, a man loses 20 percent. How many laddus should he sell for Rs. 24 to gain 20 percent?

- Ans
- ☒ A. 20
 - ☒ B. 15
 - ☒ C. 16
 - ☒ D. 18

Question ID : 9277598759

Q.6 A boat can cover 84 km upstream and 252 km downstream in 15 hours. If the speed of the boat in still water is thrice the speed of stream, then find the time taken by the boat to cover 126 km upstream.

- Ans
- ☒ A. 8 hours
 - ☒ B. 9 hours
 - ☒ C. 7 hours
 - ☒ D. 6 hours

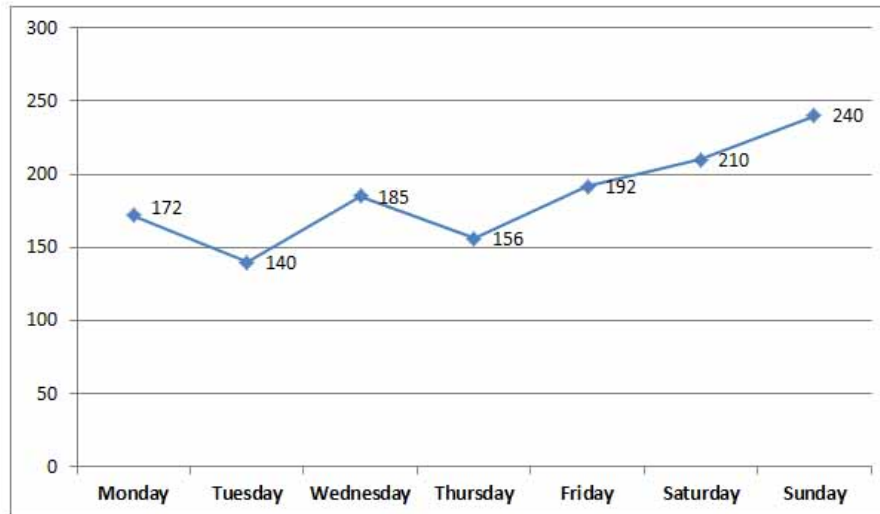
Question ID : 9277598763

Q.7 In how much time will a car cover a distance of 9000 meter with a speed of 90 kmph.?

- Ans
- ☒ A. 0.4 Hour
 - ☒ B. 0.3 Hour
 - ☒ C. 0.1 Hour
 - ☒ D. 0.2 Hour

Question ID : 9277598764

Q.8 The following line graph represents the sale of the number of Burgers at a shop for the seven days.



On which day, the number of burgers sold is equal to the average number of burgers sold by the shopkeeper during the given period?

- Ans ☒ A. Friday
☒ B. Wednesday
☒ C. Saturday
☒ D. Monday

Question ID : 9277598770

Q.9 The percentage of loss incurred in selling an article for Rs.6,800 is equal to the percentage of gain earned by selling the same article for Rs.7,450. What could be the selling price of the same article if the profit percentage is 16 percent?

- Ans ☒ A. Rs.7,460
☒ B. Rs.8,265
☒ C. Rs.8,480
☒ D. Rs.7,685

Question ID : 9277598757

Q.10 In a certain store, the profit is 250 percent of the cost price. If the cost price increases by 20 percent but the selling price remains constant, approximately what percentage of the selling price is the profit?

- Ans ☒ A. 56 percent
☒ B. 75 percent
☒ C. 66 percent
☒ D. 60 percent

Question ID : 9277598758

Q.11 A chessboard contains 64 equal squares and the area of each square is 2.56 cm^2 . Find the length of the side of the chessboard.

- Ans ☐ A. 4 cm
- ☒ B. 12.8 cm
- ☐ C. 3.5 cm
- ☐ D. 8 cm

Question ID : 9277598768

Q.12 Find the smallest among $\sqrt[18]{12}$, $\sqrt[9]{4}$, $\sqrt[12]{5}$ and $\sqrt[6]{3}$.

- Ans ☐ A. $\sqrt[6]{3}$
- ☐ B. $\sqrt[18]{12}$
- ☐ C. $\sqrt[9]{4}$
- ☒ D. $\sqrt[12]{5}$

Question ID : 9277598751

Q.13 The given table shows the number of workers in various departments with different age groups in a company.

Department	21 – 25 (age in years)	26 – 30 (age in years)	31 – 35 (age in years)	36 – 40 (age in years)
Production	250	300	210	150
Marketing	120	85	60	75
Logistic	70	65	80	95
Finance	20	35	40	150
Sales	40	60	55	115

Which age group has the highest average number of workers in various departments?

- Ans ☐ A. 26 – 30
- ☒ B. 36 – 40
- ☐ C. 21 – 25
- ☐ D. 31 – 35

Question ID : 9277598769

Q.14 A, B and C can do a work in 6, 8 and 12 days respectively. Doing that work together they get an amount of total Rs. 1350, the share of B in that amount is:

- Ans ☐ A. Rs. 440
- ☒ B. Rs. 450
- ☐ C. Rs. 430
- ☐ D. Rs. 400

Question ID : 9277598766

Q.15 Find the cost of painting the total surface area of the hemisphere of radius 14 m at the rate of Rs. 5/m².

- Ans ☒ A. Rs.9360
☒ B. Rs.9240
☒ C. Rs.9080
☒ D. Rs.9170

Question ID : 9277598767

Q.16 There were 46 students in a boys hostel. Due to the admission of eight new students the expenses of the hostel mess were increased by Rs.42 per day while the average expenditure per head diminished by Rs 1. What was the original expenditure of the hostel mess?

- Ans ☒ A. Rs.652
☒ B. Rs.552
☒ C. Rs.544
☒ D. Rs.572

Question ID : 9277598760

Q.17 In a six days 20 – 20 cricket tournament, a player makes different runs on all six days. The average runs scored by him in first five days are 55 and the average runs scored by him in last five days are 66. On sixth day, he scored 50 percent more runs than scored on first day. What are the runs scored by him on sixth day?

- Ans ☒ A. 165
☒ B. 125
☒ C. 150
☒ D. 140

Question ID : 9277598755

Q.18 What value will come in place of question mark (?) in the following question?

$$\frac{36 \times 4 + 25}{13} = \frac{104}{?}$$

- Ans ☒ A. 5
☒ B. 9
☒ C. 6
☒ D. 8

Question ID : 9277598752

Q.19 A number 1a2b3c is exactly divisible by 11. What are the possible values for (a, b, c)?

- Ans ☒ A. (4, 0, 2)
☒ B. (4, 5, 3)
☒ C. (5, 2, 7)
☒ D. (5, 3, 6)

Question ID : 9277598754

Q.20 एडम ने बाली से 20 प्रतिशत अधिक चॉकलेट खरीदी। बाली द्वारा खरीदी गई प्रत्येक चॉकलेट की कीमत एडम द्वारा खरीदी गई प्रत्येक चॉकलेट की कीमत से 50 प्रतिशत अधिक है। बाली द्वारा चॉकलेट पर खर्च किया गया पैसा एडम के खर्च से कितना प्रतिशत अधिक है?

- Ans ☒ A. 15 प्रतिशत
☒ B. 25 प्रतिशत
☒ C. 22.5 प्रतिशत
☒ D. 30 प्रतिशत

Question ID : 9277598756

Section : General English

Q.1 Select the most appropriate option to fill in the blanks.

Remember to _____ from making any negative remarks about the project.

- Ans ☒ A. refrain
☒ B. keep up
☒ C. going
☒ D. abstain

Question ID : 9277598777

Q.2 The question consists of four statements labelled P, Q, R, and S which when logically arranged form a coherent passage. Choose the option that represents the most logical order.

P. with advanced tool and technology,
Q. unlike today's simpler and easier life
R. the early human beings lived differently
S. making best gadgets and facilities available easily

- Ans ☒ A. RPSQ
☒ B. RSPQ
☒ C. RQPS
☒ D. PQRS

Question ID : 9277598778

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

Different strategies have been used to _____ awareness about education.

- Ans ☒ A. spread
☒ B. spreading
☒ C. have spread
☒ D. had spread

Question ID : 9277598775

Q.4 Select the word which means the same as the following group of the words.

Power of reading others' thoughts.

- Ans ☒ A. Antipathy
☒ B. Telepathy
☒ C. Teleportation
☒ D. Telekinesis

Question ID : 9277598785

Q.5 Select the most appropriate antonym for the given word.

Dogma

- Ans ☒ A. Optional
☒ B. Justice
☒ C. Principle
☒ D. Doubt

Question ID : 9277598780

Q.6 Select the most appropriate synonym for the given word.

Ease

- Ans ☒ A. Demean
☒ B. Soften
☒ C. Expression
☒ D. Assault

Question ID : 9277598779

Q.7 In the following question, out of the four given options, select the one that best expresses the meaning of the idiom/phrase.

Zip up your lip.

- Ans ☒ A. To be friendly.
☒ B. To be quiet.
☒ C. To hold grudges.
☒ D. To reveal a secret.

Question ID : 9277598784

Q.8 Select the most appropriate option to fill in the blanks.

To _____ over past misfortunes can only bring sadness.

- Ans ☒ A. dwelled
☒ B. dwell
☒ C. dwelling
☒ D. dwelt

Question ID : 9277598776

Q.9 Select the most appropriate option to substitute the underlined segment in the given sentence. If there is no need to substitute the underlined segment, select 'No improvement'.

A well-known animal living in the polar regions are a penguins.

- Ans
- ☒ A. are penguin
 - ☒ B. No improvement
 - ☒ C. is the penguin
 - ☒ D. penguin

Question ID : 9277598773

Q.10 In the following question, out of the four given options, select the one that best expresses the meaning of the idiom/phrase.

In the heat of the moment.

- Ans
- ☒ A. To share information that was previously concealed.
 - ☒ B. In a confused or befuddled state of mind.
 - ☒ C. Keep something away.
 - ☒ D. Overwhelmed by what is happening in the moment.

Question ID : 9277598783

Q.11 One part of the sentence below may contain an error. Identify the part. If there is no error, choose 'No error'.

How can the governments achieve a state of a clean environment in cities in future?

- Ans
- ☒ A. in cities in future
 - ☒ B. a state of a clean environment
 - ☒ C. How can the governments achieve
 - ☒ D. No error

Question ID : 9277598772

Q.12 Select the CORRECTLY spelt word.

- Ans
- ☒ A. Poignent
 - ☒ B. Poignant
 - ☒ C. Piognant
 - ☒ D. Poegnant

Question ID : 9277598782

Q.13 Select the most appropriate option to substitute the bracketed part in the given sentence. If there is no need to substitute the bracketed part, select 'No improvement'.

The teacher asked me to (do away) my assignment and submit it to her before the weekend.

- Ans
- ☒ A. do up
 - ☒ B. do away with
 - ☒ C. do over
 - ☒ D. No Improvement

Question ID : 9277598774

Q.14 Select the INCORRECTLY spelt word.

- Ans ☐ A. Climactic
☐ B. Definitely
☐ C. Amateur
☒ D. Harrasment

Question ID : 9277598781

Q.15 One part of the sentence below may contain an error. Identify the part. If there is no error, choose 'No error'.

If we release the fishes on the water surface, they will being eaten by bigger fishes.

- Ans ☐ A. fishes on the water surface
☒ B. No error
☐ C. they will being eaten by bigger fishes
☐ D. If we release the

Question ID : 9277598771

Comprehension:

Read the following passage and answer the questions below.

Alfonso Cuarón is a Mexican film director, producer, screenwriter, cinematographer and editor. Cuarón is the first Mexico-born filmmaker to win the Academy Award for Best Director. He has been nominated for Academy Awards in six different categories, a record he shares with Walt Disney and George Clooney. Cuarón has received 11 Academy Award nominations, winning four including Best Director for Gravity (2013) and Roma (2018), Best Film Editing for Gravity, and Best Cinematography for Roma. His other notable films from a variety of genres include the family drama A Little Princess (1995), the romantic drama Great Expectations (1998), the coming of age road film Y tu mamá también (2001), the fantasy film Harry Potter and the Prisoner of Azkaban (2004), and the science fiction dystopian thriller Children of Men (2006). Alfonso Cuarón Orozco was born in Mexico City, the son of Alfredo Cuarón, a doctor specializing in nuclear medicine, and Cristina Orozco, a pharmaceutical biochemist.

He has two brothers, Carlos, also a filmmaker, and Alfredo, a conservation biologist. He studied philosophy and filmmaking. There he met the director Carlos Marcovich and cinematographer Emmanuel Lubezki, and they made what would be his first short film, Vengeance Is Mine.). In addition to writing, producing and directing, Cuarón co-edited the film with Luis Patlán. The film, which also starred singer, Astrid Hadad and model/actress Claudia Ramírez (with whom Cuarón was linked between 1989 and 1993) was a big hit in Mexico. After this success, director Sydney Pollack hired Cuarón to direct an episode of Fallen Angels, a series of neo-noir stories produced for the Showtime premium cable network in 1993; other directors who worked on the series included Steven Soderbergh, Jonathan Kaplan, Peter Bogdanovich, and Tom Hanks. In 1995, Cuarón released his first feature film produced in the United States, A Little Princess, an adaptation of Frances Hodgson Burnett's classic novel.

SubQuestion No : 16

Q.16 Which one of the following is the first short film of Alfonso Cuaron?

- Ans ☐ A. A Little Princess
☒ B. Vengeance Is Mine
☐ C. Fallen Angels
☐ D. Sólo con tu pareja

Question ID : 9277598788

Comprehension:

Read the following passage and answer the questions below.

Alfonso Cuarón is a Mexican film director, producer, screenwriter, cinematographer and editor. Cuarón is the first Mexico-born filmmaker to win the Academy Award for Best Director. He has been nominated for Academy Awards in six different categories, a record he shares with Walt Disney and George Clooney. Cuarón has received 11 Academy Award nominations, winning four including Best Director for Gravity (2013) and Roma (2018), Best Film Editing for Gravity, and Best Cinematography for Roma. His other notable films from a variety of genres include the family drama A Little Princess (1995), the romantic drama Great Expectations (1998), the coming of age road film Y tu mamá también (2001), the fantasy film Harry Potter and the Prisoner of Azkaban (2004), and the science fiction dystopian thriller Children of Men (2006). Alfonso Cuarón Orozco was born in Mexico City, the son of Alfredo Cuarón, a doctor specializing in nuclear medicine, and Cristina Orozco, a pharmaceutical biochemist.

He has two brothers, Carlos, also a filmmaker, and Alfredo, a conservation biologist. He studied philosophy and filmmaking. There he met the director Carlos Marcovich and cinematographer Emmanuel Lubezki, and they made what would be his first short film, Vengeance Is Mine.). In addition to writing, producing and directing, Cuarón co-edited the film with Luis Patlán. The film, which also starred singer, Astrid Hadad and model/actress Claudia Ramírez (with whom Cuarón was linked between 1989 and 1993) was a big hit in Mexico. After this success, director Sydney Pollack hired Cuarón to direct an episode of Fallen Angels, a series of neo-noir stories produced for the Showtime premium cable network in 1993; other directors who worked on the series included Steven Soderbergh, Jonathan Kaplan, Peter Bogdanovich, and Tom Hanks. In 1995, Cuarón released his first feature film produced in the United States, A Little Princess, an adaptation of Frances Hodgson Burnett's classic novel.

SubQuestion No : 17

Q.17 Director Sydney Pollack hired Cuarón to direct an episode of Fallen Angels, a series of neo-noir stories produced for the Showtime premium cable network in 1993. The following were the co-directors in the series, except...

- Ans  **A. Claudia Ramírez**
-  **B. Jonathan Kaplan**
-  **C. Steven Soderbergh**
-  **D. Peter Bogdanovich**

Question ID : 9277598789

Comprehension:

Read the following passage and answer the questions below.

Alfonso Cuarón is a Mexican film director, producer, screenwriter, cinematographer and editor. Cuarón is the first Mexico-born filmmaker to win the Academy Award for Best Director. He has been nominated for Academy Awards in six different categories, a record he shares with Walt Disney and George Clooney. Cuarón has received 11 Academy Award nominations, winning four including Best Director for Gravity (2013) and Roma (2018), Best Film Editing for Gravity, and Best Cinematography for Roma. His other notable films from a variety of genres include the family drama A Little Princess (1995), the romantic drama Great Expectations (1998), the coming of age road film Y tu mamá también (2001), the fantasy film Harry Potter and the Prisoner of Azkaban (2004), and the science fiction dystopian thriller Children of Men (2006). Alfonso Cuarón Orozco was born in Mexico City, the son of Alfredo Cuarón, a doctor specializing in nuclear medicine, and Cristina Orozco, a pharmaceutical biochemist.

He has two brothers, Carlos, also a filmmaker, and Alfredo, a conservation biologist. He studied philosophy and filmmaking. There he met the director Carlos Marcovich and cinematographer Emmanuel Lubezki, and they made what would be his first short film, Vengeance Is Mine.). In addition to writing, producing and directing, Cuarón co-edited the film with Luis Patlán. The film, which also starred singer, Astrid Hadad and model/actress Claudia Ramírez (with whom Cuarón was linked between 1989 and 1993) was a big hit in Mexico. After this success, director Sydney Pollack hired Cuarón to direct an episode of Fallen Angels, a series of neo-noir stories produced for the Showtime premium cable network in 1993; other directors who worked on the series included Steven Soderbergh, Jonathan Kaplan, Peter Bogdanovich, and Tom Hanks. In 1995, Cuarón released his first feature film produced in the United States, A Little Princess, an adaptation of Frances Hodgson Burnett's classic novel.

SubQuestion No : 18

Q.18 According to the given passage, the film 'Children of Men' falls in which genre?

- Ans ☒ A. Action thriller
- ☒ B. Family drama
- ☒ C. Science fiction
- ☒ D. Romantic drama

Question ID : 9277598791

Comprehension:

Read the following passage and answer the questions below.

Alfonso Cuarón is a Mexican film director, producer, screenwriter, cinematographer and editor. Cuarón is the first Mexico-born filmmaker to win the Academy Award for Best Director. He has been nominated for Academy Awards in six different categories, a record he shares with Walt Disney and George Clooney. Cuarón has received 11 Academy Award nominations, winning four including Best Director for Gravity (2013) and Roma (2018), Best Film Editing for Gravity, and Best Cinematography for Roma. His other notable films from a variety of genres include the family drama A Little Princess (1995), the romantic drama Great Expectations (1998), the coming of age road film Y tu mamá también (2001), the fantasy film Harry Potter and the Prisoner of Azkaban (2004), and the science fiction dystopian thriller Children of Men (2006). Alfonso Cuarón Orozco was born in Mexico City, the son of Alfredo Cuarón, a doctor specializing in nuclear medicine, and Cristina Orozco, a pharmaceutical biochemist.

He has two brothers, Carlos, also a filmmaker, and Alfredo, a conservation biologist. He studied philosophy and filmmaking. There he met the director Carlos Marcovich and cinematographer Emmanuel Lubezki, and they made what would be his first short film, Vengeance Is Mine.). In addition to writing, producing and directing, Cuarón co-edited the film with Luis Patlán. The film, which also starred singer, Astrid Hadad and model/actress Claudia Ramírez (with whom Cuarón was linked between 1989 and 1993) was a big hit in Mexico. After this success, director Sydney Pollack hired Cuarón to direct an episode of Fallen Angels, a series of neo-noir stories produced for the Showtime premium cable network in 1993; other directors who worked on the series included Steven Soderbergh, Jonathan Kaplan, Peter Bogdanovich, and Tom Hanks. In 1995, Cuarón released his first feature film produced in the United States, A Little Princess, an adaptation of Frances Hodgson Burnett's classic novel.

SubQuestion No : 19

Q.19 According to the given passage, Alfonso has been nominated for Academy Awards in six different categories. Who else has made this record except Alfonso?

- Ans  A. Alfredo Cuarón
-  B. George Clooney
-  C. Emmanuel Lubezki
-  D. Carlos Marcovich

Question ID : 9277598790

Comprehension:

Read the following passage and answer the questions below.

Alfonso Cuarón is a Mexican film director, producer, screenwriter, cinematographer and editor. Cuarón is the first Mexico-born filmmaker to win the Academy Award for Best Director. He has been nominated for Academy Awards in six different categories, a record he shares with Walt Disney and George Clooney. Cuarón has received 11 Academy Award nominations, winning four including Best Director for Gravity (2013) and Roma (2018), Best Film Editing for Gravity, and Best Cinematography for Roma. His other notable films from a variety of genres include the family drama A Little Princess (1995), the romantic drama Great Expectations (1998), the coming of age road film Y tu mamá también (2001), the fantasy film Harry Potter and the Prisoner of Azkaban (2004), and the science fiction dystopian thriller Children of Men (2006). Alfonso Cuarón Orozco was born in Mexico City, the son of Alfredo Cuarón, a doctor specializing in nuclear medicine, and Cristina Orozco, a pharmaceutical biochemist.

He has two brothers, Carlos, also a filmmaker, and Alfredo, a conservation biologist. He studied philosophy and filmmaking. There he met the director Carlos Marcovich and cinematographer Emmanuel Lubezki, and they made what would be his first short film, Vengeance Is Mine.). In addition to writing, producing and directing, Cuarón co-edited the film with Luis Patlán. The film, which also starred singer, Astrid Hadad and model/actress Claudia Ramírez (with whom Cuarón was linked between 1989 and 1993) was a big hit in Mexico. After this success, director Sydney Pollack hired Cuarón to direct an episode of Fallen Angels, a series of neo-noir stories produced for the Showtime premium cable network in 1993; other directors who worked on the series included Steven Soderbergh, Jonathan Kaplan, Peter Bogdanovich, and Tom Hanks. In 1995, Cuarón released his first feature film produced in the United States, A Little Princess, an adaptation of Frances Hodgson Burnett's classic novel.

SubQuestion No : 20

Q.20 Which of the following statements is NOT correct, according to the given passage?

- Ans ☒ A. Alfonso has been nominated for Academy Awards in six different categories.
- ☒ B. Alfonso is the first Mexico-born filmmaker to win the Academy Award for Best Director.
- ☒ C. Alfonso studied both psychology and filmmaking.
- ☒ D. Alfonso has also been part of Harry Potter.

Question ID : 9277598787

Section : General Hindi

Q.1 निम्नलिखित में से वाच्यके प्रकार का चयन कीजिए-

कोहली द्वारा शतक लगाया गया।

- Ans ☒ A. कर्तृवाच्य
- ☒ B. भाववाच्य
- ☒ C. अकर्मवाच्य
- ☒ D. कर्मवाच्य

Question ID : 9277598803

Q.2 निम्नलिखित में से चिन्ह (;) का सही नाम बताइए-

- Ans ☒ A. अवतरण चिन्ह
- ☒ B. अर्द्धविराम चिन्ह
- ☒ C. उद्धरण चिन्ह
- ☒ D. अल्पविराम चिन्ह

Question ID : 9277598806

Q.3 निम्नलिखित में से अशुद्ध वर्तनी वाले वाक्य का चयन कीजिए-

- Ans ☒ A. मुझसे यह काम सम्भव नहीं हो सकता।
☐ B. यह दवा रोग को समूल नष्ट कर देगी।
☐ C. कृपया मेरा प्रार्थना-पत्र स्वीकार करें।
☐ D. सभी विद्यार्थियों में राहुल श्रेष्ठ ठहरे।

Question ID : 9277598801

Q.4 निम्नलिखित में से मुहावरा "जीती मक्खी निगलना" का क्या अर्थ है?

- Ans ☐ A. बहुत कंजूस होना।
☐ B. व्ययधान डालना।
☒ C. जान बूझकर अन्यथा सहना।
☐ D. दिवाला निकलना।

Question ID : 9277598804

Q.5 निम्नलिखित में से कौन-सा एक उपसर्ग नहीं है?

- Ans ☐ A. डबल
☒ B. बाज
☐ C. खुश
☐ D. परि

Question ID : 9277598794

Q.6 निम्नलिखित में से लोकोक्ति "घोड़े की दुम बढ़ेगी तो अपनी ही मक्खियाँ उड़ाएगा" का क्या अर्थ है?

- Ans ☐ A. निर्लज्ज जपर उपदेशों का असर नहीं पड़ता।
☐ B. किसी आदमी की प्रतिष्ठ अपने निवास स्थान पर कम होती है।
☒ C. उन्हें नति करके आदमी अपना ही भला करता है।
☐ D. दुष्ट उसे कठोरता का और सज्जन से नम्रता का व्यवहार करें।

Question ID : 9277598805

Q.7 निम्नलिखित में से मिश्रवाक्य का चयन कीजिए-

- Ans ☒ A. ज्यों ही मैं वहाँ पहुँचा त्यों ही घण्ट बजा।
☐ B. पानी न बरसने पर सूखा पड़ जाएगा।
☐ C. आपके कार्य का सामान यहाँ नहीं है।
☐ D. वह पुरस्कार खो गई थी परन्तु मुझे मिल गई है।

Question ID : 9277598802

Q.8 निम्नलिखित में से दिया गया वाक्य किस काल का उदाहरण है?

प्रेरणा खाना खा चुकी है।

- Ans
- ☒ A. हेतुहेतुमद भूतकाल
 - ☒ B. संदिग्ध वर्तमान काल
 - ☒ C. आसन्न भूतकाल
 - ☒ D. पूर्ण भूतकाल

Question ID : 9277598800

Q.9 निम्नलिखित में से कौन-सा शब्द द्विगु समास का उदाहरण है?

- Ans
- ☒ A. रामकृष्ण
 - ☒ B. नीतिनिपुण
 - ☒ C. मतदाता
 - ☒ D. नवरत्न

Question ID : 9277598795

Q.10 निम्नलिखित में से "महीन" का विलोम शब्द कौन-सा है?

- Ans
- ☒ A. भग्न
 - ☒ B. मोटा
 - ☒ C. दुर्बल
 - ☒ D. कमजोर

Question ID : 9277598798

Q.11 निम्नलिखित में से "क्षीण" का पर्यायवाची शब्द कौन-सा नहीं है?

- Ans
- ☒ A. दुर्बल
 - ☒ B. कठोर
 - ☒ C. कमजोर
 - ☒ D. बलहीन

Question ID : 9277598796

Q.12 दिए गए वाक्य के लिए एक शब्द का चयन कीजिए-

फल की आकांक्षा वाला-

- Ans
- ☒ A. फलधारी
 - ☒ B. फलासक्त
 - ☒ C. फलाहारी
 - ☒ D. फलाशीष

Question ID : 9277598799

Q.13 निम्नलिखित में से तत्सम शब्द का चयन कीजिए-

- Ans ☒ A. सतहत्त
☒ B. सजाना
☒ C. सज्ज जपन
☒ D. सकना

Question ID : 9277598793

Q.14 निम्नलिखित में से अशुद्ध वर्तनी वाले शब्द का चयन कीजिए-

- Ans ☒ A. परिमार्जित
☒ B. युधिष्ठिर
☒ C. रचयिता
☒ D. द्वारका

Question ID : 9277598797

Q.15 निम्नलिखित में से "साहित्येतर" का सही संधि विच्छेद कौन-सा है?

- Ans ☒ A. साहित्य+येतत्
☒ B. साहित्य+र
☒ C. साहित्य+इतर
☒ D. साहित्ये+अतर

Question ID : 9277598792

Comprehension:

निम्नलिखित गद्यांश का ध्यानपूर्वक अध्ययन कर प्रश्नों के उत्तर दीजिए-

श्रद्धा एक सामाजिक भाव है, इससे अपनी श्रद्धा के बदले में हम श्रद्धेय से अपने लिए कोई बात नहीं चाहते। श्रद्धा धारण करते हुए अपने को उस समाज में समझते हैं जिसके किसी अंश पर-चाहे हम व्यक्ति रूप में उनके अंतर्गत ना भी हो- जानबूझकर उसने कोई शुभ प्रभाव डाला। श्रद्धा स्वयं ऐसे कर्मों के प्रतिकार में होती है जिनका शुभ प्रभाव अकेले हम पर नहीं बल्कि सारे मनुष्य समाज पर पड़ सकता है। श्रद्धा एक ऐसी आनंदपूर्ण कृतज्ञता है जिसे हम केवल समाज के प्रतिनिधिरूप में प्रकट करते हैं। सदाचार पर श्रद्धा और अत्याचार पर क्रोध या घृणा प्रकट करने के लिए समाज में प्रत्येक व्यक्ति को प्रतिनिधित्व प्रदान कर रखा है। यह काम उसने इतना भारी समझा है कि उसका भार सारे मनुष्यों को बांट दिया है, दो-चार माननीय लोगों के ही सर पर नहीं छोड़ रखा है। जिस समाज में सदाचार पर श्रद्धा और अत्याचार पर क्रोध प्रकट करने के लिए जितने भी अधिक लोग तत्पर पाये जायेंगे उतना ही वह समाज जागृत समझा जायेगा। श्रद्धा की सामाजिक विशेषता एक इसी बात से समझ लीजिए कि जिस पर हम श्रद्धा रखते हैं उस पर चाहते हैं कि और लोग भी श्रद्धा रखें, पर जिस पर हमारा प्रेम होता है, उससे और दस-पांच आदमी प्रेम रखें- इसकी हमें परवाह क्या इच्छा ही नहीं होती; क्योंकि हम प्रिया पर लोभवश एक प्रकार का अनन्य अधिकार इजारा चाहते हैं। श्रद्धालु अपने भाव में संसार को संतुलित करना चाहता है, पर प्रेमी नहीं।

SubQuestion No : 16

Q.16 उपर्युक्त गद्यांश के अनुसार, श्रद्धा एक ऐसी आनंदपूर्ण कृतज्ञता है जिसे हम _____

- Ans ☒ A. केवल समाज के प्रतिनिधिरूप में प्रकट करते हैं।
☒ B. केवल श्रद्धा के प्रतिनिधिरूप में प्रकट करते हैं।
☒ C. केवल व्यक्ति के प्रतिनिधिरूप में प्रकट करते हैं।
☒ D. केवल श्रद्धा एवं कृतज्ञता के प्रतिनिधिरूप में प्रकट करते हैं।

Question ID : 9277598809

Comprehension:

निम्नलिखित गद्यांश का ध्यानपूर्वक अध्ययन कर प्रश्नों के उत्तर दीजिए-

श्रद्धा एक सामाजिक भाव है, इससे अपनी श्रद्धा के बदले में हम श्रद्धेय से अपने लिए कोई बात नहीं चाहते। श्रद्धा धारण करते हुए अपने को उस समाज में समझते हैं जिसके किसी अंश पर-चाहे हम व्यक्ति रूप में उनके अंतर्गत ना भी हो- जानबूझकर उसने कोई शुभ प्रभाव डाला। श्रद्धा स्वयं ऐसे कर्मों के प्रतिकार में होती है जिनका शुभ प्रभाव अकेले हम पर नहीं बल्कि सारे मनुष्य समाज पर पड़ सकता है। श्रद्धा एक ऐसी आनंदपूर्ण कृतज्ञता है जिसे हम केवल समाज के प्रतिनिधिरूप में प्रकट करते हैं। सदाचार पर श्रद्धा और अत्याचार पर क्रोध या घृणा प्रकट करने के लिए समाज में प्रत्येक व्यक्ति को प्रतिनिधित्व प्रदान कर रखा है। यह काम उसने इतना भारी समझा है कि उसका भार सारे मनुष्यों को बांट दिया है, दो-चार माननीय लोगों के ही सर पर नहीं छोड़ रखा है। जिस समाज में सदाचार पर श्रद्धा और अत्याचार पर क्रोध प्रकट करने के लिए जितने भी अधिक लोग तत्पर पाये जायेंगे उतना ही वह समाज जागृत समझा जायेगा। श्रद्धा की सामाजिक विशेषता एक इसी बात से समझ लीजिए कि जिस पर हम श्रद्धा रखते हैं उस पर चाहते हैं कि और लोग भी श्रद्धा रखें, पर जिस पर हमारा प्रेम होता है, उससे और दस-पाँच आदमी प्रेम रखें- इसकी हमें परवाह क्या इच्छा ही नहीं होती; क्योंकि हम प्रिया पर लोभवश एक प्रकार का अनन्य अधिकार इजारा चाहते हैं। श्रद्धालु अपने भाव में संसार को संतुलित करना चाहता है, पर प्रेमी नहीं।

SubQuestion No : 17

Q.17 उपर्युक्त गद्यांश के अनुसार, जिस समाज में सदाचार पर श्रद्धा और अत्याचार पर क्रोध प्रकट करने के लिए जितने भी अधिक लोग तत्पर पाये जायेंगे उतना ही _____

Ans ☒ A. वह समाज जागृत समझा जायेगा।

☒ B. वह समाज सुन्न समझा जायेगा।

☒ C. वह समाज निद्रित समझा जायेगा।

☒ D. वह समाज सुप्त समझा जायेगा।

Question ID : 9277598811

Comprehension:

निम्नलिखित गद्यांश का ध्यानपूर्वक अध्ययन कर प्रश्नों के उत्तर दीजिए-

श्रद्धा एक सामाजिक भाव है, इससे अपनी श्रद्धा के बदले में हम श्रद्धेय से अपने लिए कोई बात नहीं चाहते। श्रद्धा धारण करते हुए अपने को उस समाज में समझते हैं जिसके किसी अंश पर-चाहे हम व्यक्ति रूप में उनके अंतर्गत ना भी हो- जानबूझकर उसने कोई शुभ प्रभाव डाला। श्रद्धा स्वयं ऐसे कर्मों के प्रतिकार में होती है जिनका शुभ प्रभाव अकेले हम पर नहीं बल्कि सारे मनुष्य समाज पर पड़ सकता है। श्रद्धा एक ऐसी आनंदपूर्ण कृतज्ञता है जिसे हम केवल समाज के प्रतिनिधिरूप में प्रकट करते हैं। सदाचार पर श्रद्धा और अत्याचार पर क्रोध या घृणा प्रकट करने के लिए समाज में प्रत्येक व्यक्ति को प्रतिनिधित्व प्रदान कर रखा है। यह काम उसने इतना भारी समझा है कि उसका भार सारे मनुष्यों को बांट दिया है, दो-चार माननीय लोगों के ही सर पर नहीं छोड़ रखा है। जिस समाज में सदाचार पर श्रद्धा और अत्याचार पर क्रोध प्रकट करने के लिए जितने भी अधिक लोग तत्पर पाये जायेंगे उतना ही वह समाज जागृत समझा जायेगा। श्रद्धा की सामाजिक विशेषता एक इसी बात से समझ लीजिए कि जिस पर हम श्रद्धा रखते हैं उस पर चाहते हैं कि और लोग भी श्रद्धा रखें, पर जिस पर हमारा प्रेम होता है, उससे और दस-पाँच आदमी प्रेम रखें- इसकी हमें परवाह क्या इच्छा ही नहीं होती; क्योंकि हम प्रिया पर लोभवश एक प्रकार का अनन्य अधिकार इजारा चाहते हैं। श्रद्धालु अपने भाव में संसार को संतुलित करना चाहता है, पर प्रेमी नहीं।

SubQuestion No : 18

Q.18 उपर्युक्त गद्यांश का निम्नलिखित में से निष्कर्ष क्या है?

Ans ☒ A. श्रद्धा केवल एक श्रद्धालु तक सीमित।

☒ B. श्रद्धा एक सांसारिक लोभवश।

☒ C. श्रद्धा एक सामाजिक भाव।

☒ D. केवल एक श्रद्धालु का सामाजिक भाव।

Question ID : 9277598808

Comprehension:

निम्नलिखित गद्यांश का ध्यानपूर्वक अध्ययन कर प्रश्नों के उत्तर दीजिए-

श्रद्धा एक सामाजिक भाव है, इससे अपनी श्रद्धा के बदले में हम श्रद्धेय से अपने लिए कोई बात नहीं चाहते। श्रद्धा धारण करते हुए अपने को उस समाज में समझते हैं जिसके किसी अंश पर-चाहे हम व्यक्ति रूप में उनके अंतर्गत ना भी हो- जानबूझकर उसने कोई शुभ प्रभाव डाला। श्रद्धा स्वयं ऐसे कर्मों के प्रतिकार में होती है जिनका शुभ प्रभाव अकेले हम पर नहीं बल्कि सारे मनुष्य समाज पर पड़ सकता है। श्रद्धा एक ऐसी आनंदपूर्ण कृतज्ञता है जिसे हम केवल समाज के प्रतिनिधिरूप में प्रकट करते हैं। सदाचार पर श्रद्धा और अत्याचार पर क्रोध या घृणा प्रकट करने के लिए समाज में प्रत्येक व्यक्ति को प्रतिनिधित्व प्रदान कर रखा है। यह काम उसने इतना भारी समझा है कि उसका भार सारे मनुष्यों को बांट दिया है, दो-चार माननीय लोगों के ही सर पर नहीं छोड़ रखा है। जिस समाज में सदाचार पर श्रद्धा और अत्याचार पर क्रोध प्रकट करने के लिए जितने भी अधिक लोग तत्पर पाये जायेंगे उतना ही वह समाज जागृत समझा जायेगा। श्रद्धा की सामाजिक विशेषता एक इसी बात से समझ लीजिए कि जिस पर हम श्रद्धा रखते हैं उस पर चाहते हैं कि और लोग भी श्रद्धा रखें, पर जिस पर हमारा प्रेम होता है, उससे और दस-पाँच आदमी प्रेम रखें- इसकी हमें परवाह क्या इच्छा ही नहीं होती; क्योंकि हम प्रिया पर लोभवश एक प्रकार का अनन्य अधिकार इजारा चाहते हैं। श्रद्धालु अपने भाव में संसार को संतुलित करना चाहता है, पर प्रेमी नहीं।

SubQuestion No : 19

Q.19 उपर्युक्त गद्यांश का उचित शीर्षक निम्न में से क्या है?

- Ans ☒ A. श्रद्धा: एक प्रेम कथा
☒ B. स्वार्थ एवं परोपकार
☒ C. स्वार्थ एवं श्रद्धा में अंतर
☒ D. श्रद्धा का स्वरूप

Question ID : 9277598812

Comprehension:

निम्नलिखित गद्यांश का ध्यानपूर्वक अध्ययन कर प्रश्नों के उत्तर दीजिए-

श्रद्धा एक सामाजिक भाव है, इससे अपनी श्रद्धा के बदले में हम श्रद्धेय से अपने लिए कोई बात नहीं चाहते। श्रद्धा धारण करते हुए अपने को उस समाज में समझते हैं जिसके किसी अंश पर-चाहे हम व्यक्ति रूप में उनके अंतर्गत ना भी हो- जानबूझकर उसने कोई शुभ प्रभाव डाला। श्रद्धा स्वयं ऐसे कर्मों के प्रतिकार में होती है जिनका शुभ प्रभाव अकेले हम पर नहीं बल्कि सारे मनुष्य समाज पर पड़ सकता है। श्रद्धा एक ऐसी आनंदपूर्ण कृतज्ञता है जिसे हम केवल समाज के प्रतिनिधिरूप में प्रकट करते हैं। सदाचार पर श्रद्धा और अत्याचार पर क्रोध या घृणा प्रकट करने के लिए समाज में प्रत्येक व्यक्ति को प्रतिनिधित्व प्रदान कर रखा है। यह काम उसने इतना भारी समझा है कि उसका भार सारे मनुष्यों को बांट दिया है, दो-चार माननीय लोगों के ही सर पर नहीं छोड़ रखा है। जिस समाज में सदाचार पर श्रद्धा और अत्याचार पर क्रोध प्रकट करने के लिए जितने भी अधिक लोग तत्पर पाये जायेंगे उतना ही वह समाज जागृत समझा जायेगा। श्रद्धा की सामाजिक विशेषता एक इसी बात से समझ लीजिए कि जिस पर हम श्रद्धा रखते हैं उस पर चाहते हैं कि और लोग भी श्रद्धा रखें, पर जिस पर हमारा प्रेम होता है, उससे और दस-पाँच आदमी प्रेम रखें- इसकी हमें परवाह क्या इच्छा ही नहीं होती; क्योंकि हम प्रिया पर लोभवश एक प्रकार का अनन्य अधिकार इजारा चाहते हैं। श्रद्धालु अपने भाव में संसार को संतुलित करना चाहता है, पर प्रेमी नहीं।

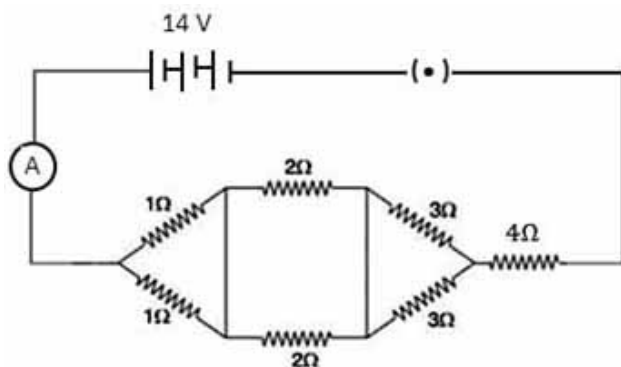
SubQuestion No : 20

Q.20 उपर्युक्त गद्यांश के अनुसार कौन-सा कथन सही नहीं है?

- Ans ☒ A. सदाचार पर श्रद्धा और अत्याचार पर क्रोध या घृणा प्रकट करने के लिए समाज में प्रत्येक व्यक्ति को प्रतिनिधित्व प्रदान कर रखा है।
☒ B. श्रद्धा एक सामाजिक भाव है, इससे अपनी श्रद्धा के बदले में हम श्रद्धेय से अपने लिए कोई बात नहीं चाहते।
☒ C. श्रद्धालु अपने भाव में संसार को संतुलित नहीं करना चाहता है, पर प्रेमी चाहता है।
☒ D. श्रद्धा स्वयं ऐसे कर्मों के प्रतिकार में होती है जिनका शुभ प्रभाव अकेले हम पर नहीं बल्कि सारे मनुष्य समाज पर पड़ सकता है।

Question ID : 9277598810

Q.1 What is the reading of ammeter in the circuit given below?



- Ans ☒ A. 2 A
☒ B. 2.5 A
☒ C. 1 A
☒ D. 1.4 A

Question ID : 9277598813

Q.2 SI unit of pressure is -

- Ans ☒ A. Nm^{-1}
☒ B. Nm^{-2}
☒ C. Nm^{-3}
☒ D. Nm

Question ID : 9277598824

Q.3 Which of the following is/are conservative force/s?

1. Force of gravity
2. Coulomb force
3. Force of spring

Choose the correct code

- Ans ☒ A. 1, 2 and 3
☒ B. Only 1 and 3
☒ C. Only 2 and 3
☒ D. Only 1

Question ID : 9277598830

Q.4 An elevator weighing 400 kg is to be lifted up at a constant velocity of 0.20 m/s. What would be the minimum horsepower of the motor to be used? ($g = 9.8 \text{ m/s}^2$ and there is no frictional loss)

- Ans ☒ A. 5.0 hp
☒ B. 2.0 hp
☒ C. 1.05 hp
☒ D. 0.5 hp

Question ID : 9277598831

Q.5 Why is ocean energy regarded as being more preferable over wind energy?

1. Tides are constant and predictable.
2. Fewer turbines are required in ocean energy to produce the same amount of wind power.

Choose the correct code.

- Ans ☒ A. Both 1 and 2
- ☒ B. Neither 1 nor 2
- ☒ C. Only 2
- ☒ D. Only 1

Question ID : 9277598819

Q.6 If pressure at one point of the liquid is increased, then _____

- Ans ☒ A. The pressure at all other points of the liquid will increase by the same amount
- ☒ B. The pressure at all other points of the liquid will remain unchanged
- ☒ C. The pressure at all other points of the liquid will increase by reduced amount
- ☒ D. The pressure at all other points of the liquid will not increase by the same

Question ID : 9277598825

Q.7 Which of the following statements regarding natural gas is wrong?

- Ans ☒ A. Methane is a common gas found in swamps and is also the byproduct of animals' digestive system.
- ☒ B. Natural gas is a fossil fuel.
- ☒ C. It doesn't produce carbon dioxide while burning
- ☒ D. It is a finite source

Question ID : 9277598821

Q.8 Which of the following is not true about flotation?

1. When a solid body is dipped in to a fluid, the fluid exerts an upward force of buoyancy on the solid.
2. The solid remains in equilibrium if the force of buoyancy is less than the weight of the solid.

Choose the correct code

- Ans ☒ A. Both 1 and 2
- ☒ B. Neither 1 nor 2
- ☒ C. Only 1
- ☒ D. Only 2

Question ID : 9277598827

Q.9 The effect of the weak forces is experienced inside _____.

1. Proton
2. Neutron

Choose the correct code

- Ans
- ☒ A. Only 1
 - ☒ B. Only 2
 - ☒ C. Both 1 and 2
 - ☒ D. Neither 1 nor 2

Question ID : 9277598822

Q.10 Which of the following is not a limitation of using hydroelectric power?

- Ans
- ☒ A. Dams can be very expensive to build.
 - ☒ B. Water used for hydro power can't be reused for other purposes/like irrigation etc.
 - ☒ C. The hydroelectric power plants cannot be sited at a place of our choice.
 - ☒ D. There needs to be a sufficient, and continuously strong water current, or water head, to produce energy.

Question ID : 9277598818

Q.11 If Y is the Young modulus of the solid and ρ its density, then the speed (v) of the longitudinal sound waves in a solid rod is -

Ans

- ☒ A. $v = \frac{Y}{\rho}$
- ☒ B. $v = \sqrt{\frac{Y}{\rho}}$
- ☒ C. $v = \frac{\sqrt{Y}}{\rho}$
- ☒ D. $v = \frac{Y}{\sqrt{\rho}}$

Question ID : 9277598832

Q.12 A pressure of _____ of mercury is one atmospheric pressure.

- Ans
- ☒ A. 80 cm
 - ☒ B. 70 cm
 - ☒ C. 71 cm
 - ☒ D. 76 cm

Question ID : 9277598826

Q.13 A 800 gm solid cube having an edge of length 10 cm floats in water. How much volume of the cube is outside the water? (Density of the water 1000 kg-m^{-3} .)

- Ans
- ☐ A. 400 cm^3
 - ☐ B. 100 cm^3
 - ☒ C. 200 cm^3
 - ☐ D. 300 cm^3

Question ID : 9277598828

Q.14 Find the work done by the force of gravity during the time a particle of mass 50 gm goes up on being thrown vertically upwards with a speed of 10 m/s.

- Ans
- ☐ A. -3.0 J
 - ☒ B. -2.5 J
 - ☐ C. -2.0 J
 - ☐ D. -25 J

Question ID : 9277598829

Q.15 An electric iron of resistance 15Ω takes a current of 3A. Calculate the heat developed in 5 minutes.

- Ans
- ☒ A. 40.5 kJ
 - ☐ B. $4.05 \times 10^5 \text{ J}$
 - ☐ C. 4.50 J
 - ☐ D. $4.50 \times 10^4 \text{ J}$

Question ID : 9277598814

Q.16 What is the shape of the electromagnet that is used in an electric-bell?

- Ans
- ☐ A. Ring-shaped
 - ☐ B. Bar-shaped
 - ☐ C. Cylindrical shaped
 - ☒ D. U-shaped

Question ID : 9277598816

Q.17 Which of the following is correct regarding Fleming's left-hand rule?

- Ans
- ☒ A. If the first finger shows the direction of the magnetic field and the middle one the direction of current flow, then the thumb shows the direction of force 'F' acting on the current carrying conductor.
 - ☐ B. If the first finger shows the direction of the magnetic field and the middle one the direction of force 'F' acting on the current carrying conductor, then the thumb shows the direction of current flow.
 - ☐ C. If the first finger shows the direction of the current flow and the middle one the direction of magnetic field, then the thumb shows the direction of force 'F' acting on the current carrying conductor.
 - ☐ D. If the first finger shows the direction of the current flow and the middle one the direction of force 'F' acting on the current carrying conductor, then the thumb shows the direction of magnetic field.

Question ID : 9277598817

Q.18 On which of the following does the resistance of a wire not depend?

- Ans ☐ A. Length of the wire
☐ B. Width of the wire
☐ C. Thickness of the wire
☒ D. Humidity of the wire

Question ID : 9277598815

Q.19 Nuclear forces are _____ and are _____.

1. Largely attractive
2. Largely repulsive
3. Short ranged
4. Long ranged

Choose the correct code

- Ans ☐ A. Only 1 and 4
☐ B. Only 2 and 4
☐ C. Only 2 and 3
☒ D. Only 1 and 3

Question ID : 9277598823

Q.20 Which of the following statements is incorrect?

- Ans ☐ A. The same amount of hydrogen will take a fuel-cell car at least twice as far as a car running on gasoline.
☒ B. It costs a small amount of money to run a hydrogen vehicle.
☐ C. Hydrogen as a gas is not found naturally on Earth.
☐ D. Hydrogen is one of the most abundant elements in the universe.

Question ID : 9277598820

Section : Discipline2

Q.1 The appearance of sound to a human ear is subjectively characterized by which of the following parameters?

1. Pitch
2. Loudness
3. Quality

Choose the correct code

- Ans ☒ A. 1, 2 and 3
☐ B. Only 2 and 3
☐ C. Only 1 and 2
☐ D. Only 1 and 3

Question ID : 9277598833

Q.2 _____ solution is a purple dye, which is extracted from lichen, a plant belonging to the division Thallophyta, and is commonly used as an indicator.

- Ans ☒ A. Methyl orange
☒ B. Litmus
☒ C. Iodine
☒ D. Phenolphthalein

Question ID : 9277598843

Q.3 Which among the following is the most reactive metal?

- Ans ☒ A. Al
☒ B. K
☒ C. Pb
☒ D. Hg

Question ID : 9277598848

Q.4 The front portion of eye is covered by a transparent protective membrane called the -

- Ans ☒ A. Pupil
☒ B. Iris
☒ C. Retina
☒ D. Cornea

Question ID : 9277598836

Q.5 Which of the following is most commonly formed from reaction of an acid and an alcohol?

- Ans ☒ A. Salts
☒ B. Water
☒ C. Esters
☒ D. Charcoal

Question ID : 9277598849

Q.6 The retina of an eye contains millions of receptors called ____.

1. Rods
2. Cones

Choose the correct code

- Ans ☒ A. Both 1 and 2
☒ B. Neither 1 nor 2
☒ C. Only 2
☒ D. Only 1

Question ID : 9277598837

Q.7 Which of the following reactions produce insoluble salts?

- Ans
- ☒ A. Reduction
 - ☒ B. Oxidation
 - ☒ C. Decomposition
 - ☒ D. Precipitation

Question ID : 9277598842

Q.8 Most metal oxides are insoluble in water but some of these dissolve in water to form :

- Ans
- ☒ A. Alkalies
 - ☒ B. Acid
 - ☒ C. Non-metal oxides
 - ☒ D. Hydrogen

Question ID : 9277598847

Q.9 What will be the refractive index of water if the critical angle for water is 48.2° ?

- Ans
- ☒ A. 1.34
 - ☒ B. 0.34
 - ☒ C. 3.34
 - ☒ D. 2.34

Question ID : 9277598835

Q.10 Which of the following is called lime or quick lime?

- Ans
- ☒ A. Calcium oxide
 - ☒ B. Calcium Carbonate
 - ☒ C. Ferric Oxide
 - ☒ D. Ferrous Sulphate

Question ID : 9277598840

Q.11 Which of the following reactions are used in black and white photography?

- Ans
- ☒ A. $\text{CaCO}_3(\text{s}) \xrightarrow{\text{Heat}} \text{CaO}(\text{s}) + \text{CO}_2(\text{g})$
 - ☒ B. $\text{Pb}(\text{NO}_3)_2(\text{s}) \xrightarrow{\text{Sunlight}} 2\text{PbO}(\text{s}) + 4\text{NO}_2(\text{g}) + \text{O}_2(\text{g})$
 - ☒ C. $2\text{FeSO}_4(\text{s}) \xrightarrow{\text{Heat}} \text{Fe}_2\text{O}_3(\text{s}) + \text{SO}_2(\text{g}) + \text{SO}_3(\text{g})$
 - ☒ D. $2\text{AgBr}(\text{s}) \xrightarrow{\text{Sunlight}} 2\text{Ag}(\text{s}) + \text{Br}_2(\text{g})$

Question ID : 9277598841

Q.12 The natural source of Oxalic acid is:

- Ans ☐ A. Nettle sting
☐ B. Tamarind
☐ C. Lemon
☒ D. Tomato

Question ID : 9277598845

Q.13 Find the maximum height a ball will reach if it is thrown vertically up at a speed of 4 m/s?
(Given $g = 10 \text{ m/s}^2$)

- Ans ☐ A. 0.4 m
☐ B. 1.6 m
☒ C. 0.8 m
☐ D. 0.6 m

Question ID : 9277598839

Q.14 The term atomic size refers to the ____ of an atom.

- Ans ☐ A. Point of tangency
☐ B. Circumference
☒ C. Radius
☐ D. Diameter

Question ID : 9277598852

Q.15 Amphoteric oxides are known as:

- Ans ☐ A. Metal oxides which do not react with bases to produce salts and water
☐ B. Metal oxides which react with only acids to produce salts and water
☒ C. Metal oxides which react with both acids as well as bases to produce salts and water
☐ D. Metal oxides which react with neither acids nor bases to produce salts and water

Question ID : 9277598846

Q.16 What is denatured alcohol?

- Ans ☐ A. The product of ethanol reacting with concentrated sulphuric acid
☐ B. It is formed when alcohol reacts with oxygen
☒ C. The mixing of colour and methanol to ethanol for the purpose of industrial use
☐ D. The product of alcohol reacting with sodium

Question ID : 9277598851

Q.17

- Ans
- ☒ A. Carbon monoxide
 - ☒ B. Oxygen
 - ☒ C. Carbon dioxide
 - ☒ D. Hydrogen

Question ID : 9277598844

Q.18 Which of the following salt is produced when ethanoic acid (CH_3COOH) reacts with carbonates and hydrogencarbonates?

- Ans
- ☒ A. Sodium acetate
 - ☒ B. Sulphur oxide
 - ☒ C. Potassium bicarbonate
 - ☒ D. Carboxylic ester

Question ID : 9277598850

Q.19 Sound waves constitute _____ pulses travelling in the medium.

- Ans
- ☒ A. Rarefaction
 - ☒ B. Compression
 - ☒ C. Random rarefaction and compression
 - ☒ D. Alternate compression and rarefaction

Question ID : 9277598834

Q.20 When a ray of light passes from an optically denser medium to an optically rarer medium, we have - (if i = angle of incidence and r = angle of refraction)

- Ans
- ☒ A. $\frac{\sin i}{\sin r} < 1$
 - ☒ B. $\frac{\sin i}{\sin r} > 1$
 - ☒ C. $\frac{\sin i}{\sin r} = 1$
 - ☒ D. $\frac{\sin i}{\sin r} > 2$

Question ID : 9277598838

Q.1 The Avogadro constant is :

- Ans
- ☐ A. 3.022×10^{23}
 - ☐ B. 6.22×10^{23}
 - ☒ C. 6.022×10^{23}
 - ☐ D. 6.022×10^{34}

Question ID : 9277598863

Q.2 The states of matter are inter-convertible and can be changed by changing temperature or _____.

- Ans
- ☐ A. Mass
 - ☐ B. Solubility
 - ☒ C. Pressure
 - ☐ D. Density

Question ID : 9277598855

**Q.3 Calculate the mass of the following:
0.7 mole of N_2 gas (mass from mole of molecule)**

- Ans
- ☐ A. 7 g
 - ☐ B. 15.6 g
 - ☒ C. 19.6 g
 - ☐ D. 14 g

Question ID : 9277598864

Q.4 Which of the following is true?

- Ans
- ☐ A. Latent heat of fusion is the heat energy required to change 1 kg of a liquid to gas at atmospheric pressure at its boiling point
 - ☒ B. Latent heat of vaporisation is the heat energy required to change 1 kg of a liquid to gas at atmospheric pressure at its boiling point.
 - ☐ C. Latent heat of vaporisation is the heat energy required to change 1 kg of a solid to gas at atmospheric pressure at its boiling point
 - ☐ D. Latent heat of vaporisation is the heat energy required to change 1 kg of a solid to liquid at atmospheric pressure at its boiling point

Question ID : 9277598857

Q.5 Atoms of carbon-12 isotopes are assigned a relative atomic mass of _____ and the relative masses of all other atoms are obtained by comparison with the mass of a carbon-12 atom.

- Ans
- ☐ A. 8
 - ☒ B. 12
 - ☐ C. 6
 - ☐ D. 16

Question ID : 9277598862

Q.6 What will be the symptom of a disease if the targeted organ is lungs?

- Ans ☒ A. Cough and breathlessness
☐ B. Jaundice
☐ C. Headaches only
☐ D. Fits or unconsciousness only

Question ID : 9277598871

Q.7 The atomic radius decreases in moving from _____ along a period due to an increase in nuclear charge which tends to pull the electrons closer to the nucleus and reduces the size of the atom.

- Ans ☐ A. Up to down
☐ B. Down to up
☒ C. Left to right
☐ D. Right to left

Question ID : 9277598854

Q.8 Which of the following statements is incorrect about alloys?

- Ans ☐ A. An alloy is considered as a mixture because it shows the properties of its constituents
☐ B. They are mixtures of two or more metals
☒ C. They can be separated into their components by physical methods
☐ D. They are mixtures of metal and a non-metal

Question ID : 9277598859

Q.9 Clusters of atoms that act as an ion are called :

- Ans ☒ A. Polyatomic ions
☐ B. Triatomic ions
☐ C. Diatomic ions
☐ D. Monoatomic ions

Question ID : 9277598860

Q.10 What are the functions of thyroxine?

1. Regulates carbohydrates metabolism in the body
2. Regulates proteins and fat metabolism in the body

- Ans ☐ A. Only 2
☐ B. Neither 1 nor 2
☒ C. Both 1 and 2
☐ D. Only 1

Question ID : 9277598872

Q.11 Leishmania is a:

- Ans ☒ A. Protozoa
☐ B. Fungi
☐ C. Bacteria
☐ D. Virus

Question ID : 9277598870

Q.12 Which of the following is the change of solid state directly to gaseous state without going through liquid state?

- Ans ☐ A. Evaporation
☒ B. Sublimation
☐ C. Deposition
☐ D. Boiling

Question ID : 9277598856

Q.13 Which of the following is an example of infectious disease?

1. Diabetes
2. High blood pressure

- Ans ☐ A. Both 1 and 2
☐ B. Only 2
☐ C. Only 1
☒ D. Neither 1 nor 2

Question ID : 9277598869

Q.14 Which of the following was the first fully synthetic fibre?

- Ans ☐ A. Rayon
☒ B. Nylon
☐ C. Cotton
☐ D. Wool

Question ID : 9277598866

Q.15 The forces of attraction between the particles are minimum in _____.

- Ans ☐ A. Plasmas
☐ B. Solids
☒ C. Gases
☐ D. Liquids

Question ID : 9277598858

Q.16 Mark the correct statement.

- Ans ☒ A. Cellulose is made up of a large number of hydrogen units
- ☒ B. Polymer does not occur in nature
- ☒ C. Polymer word comes from 2 latin words
- ☒ D. Cotton is a polymer

Question ID : 9277598865

Q.17 According to the modern periodic table, which of the following is not a metalloid or semi-metal?

- Ans ☒ A. Arsenic
- ☒ B. Boron
- ☒ C. Silicon
- ☒ D. Sulphur

Question ID : 9277598853

Q.18 The chemical formula of a molecular compound is determined by the ____ of each element.

- Ans ☒ A. Mass
- ☒ B. Molar mass
- ☒ C. Avogadro constant
- ☒ D. Valency

Question ID : 9277598861

Q.19 Which of the following statement is correct about chronic disease?

- Ans ☒ A. Chronic diseases are always communicable.
- ☒ B. Common cold is an example of chronic disease
- ☒ C. Ailments that lasts for lifetime or a long time are known as chronic disease
- ☒ D. Diseases last for very short period of time are chronic disease

Question ID : 9277598868

Q.20 Polycot is a mixture of:

- Ans ☒ A. Polyester and silk
- ☒ B. Polyester and Cotton
- ☒ C. Polyester and nylon
- ☒ D. Polyester and wool

Question ID : 9277598867

Q.1 Which of the following do not need oxygen?

- Ans ☒ A. Combustion
☒ B. Aerobic metabolism
☒ C. Nitrogen fixation
☒ D. Plants' respiration

Question ID : 9277598891

Q.2 _____ belongs to Poaceae family and Monocotyledonae class.

- Ans ☒ A. Oranges
☒ B. Mango
☒ C. Peas
☒ D. Wheat

Question ID : 9277598882

Q.3 Which plant tissue has the thinnest walls?

- Ans ☒ A. Collenchyma
☒ B. Sclerenchyma
☒ C. Meristematic
☒ D. Parenchyma

Question ID : 9277598879

Q.4 Following is an ecosystem of water-body, showing the concentration of DDT in each trophic-levels.

Water → Algae → Fish → Pelican bird
1700 ppm → 500-600 ppm → 77 ppm → 0.2 ppm

Which of the following feature is incorrect if the above is to represent biomagnification?

- Ans ☒ A. The concentration of DDT should increase as we go to higher trophic-levels
☒ B. Fishes don't eat algae. Instead of fish it should be bacteria and then fish
☒ C. There are no incorrect features in the above representation
☒ D. Algae should not be present. It should be bacteria instead

Question ID : 9277598889

Q.5 Glucose in cytoplasm break into pyruvate, then pyruvate in absence of oxygen is converted into _____.

- Ans ☒ A. Carbon dioxide, water and Energy
☒ B. Lactic acid and water
☒ C. Lactic acid and Energy
☒ D. Ethanol , Carbon dioxide and Energy

Question ID : 9277598887

Q.6 Which of the following crops is a major source of carbohydrates for energy requirement?

- Ans ☒ A. Rice
☐ B. Spices
☐ C. Vegetables
☐ D. Soyabean

Question ID : 9277598892

Q.7 Which of the following endocrine glands are present in human body?

1. Pineal gland
2. Thyroid gland
3. Thymus
4. Pancreas

- Ans ☐ A. Only 2 and 3
☐ B. Only 3 and 4
☐ C. Only 1 and 3
☒ D. 1, 2, 3 and 4

Question ID : 9277598873

Q.8 Digestion functions are taken care of by the gastric glands present in the wall of the stomach. These release hydrochloric acid, a protein digesting enzyme called pepsin, and mucus. What is the function of mucus?

- Ans ☒ A. It protects the inner lining of the stomach from the action of the acid under normal conditions
☐ B. It creates an acidic medium which facilitates the action of the enzyme pepsin
☐ C. It aids the liver in extracting juices from it
☐ D. It increases the size of stomach while digesting food

Question ID : 9277598885

Q.9 Which part of the peripheral nervous system comprises the whole complex of nerves, fibres, ganglia, and plexuses?

- Ans ☐ A. Central neural system
☒ B. Visceral nervous system
☐ C. Sympathetic neural system
☐ D. Parasympathetic neural system

Question ID : 9277598875

Q.10 How many phases of growth are there in the Sigmoid Growth Curve of a plant or plant-part?

- Ans ☐ A. 4
☐ B. 2
☐ C. 5
☒ D. 3

Question ID : 9277598883

Q.11 Which of the following statements is NOT true?

1. The Ozone Hole is located over the equator of the earth.
2. 2019 Ozone Hole is the smallest on record since its discovery in 1982 for the first time.

Choose the correct code.

- Ans ☒ A. Only 2
- ☒ B. Both 1 and 2
- ☒ C. Only 1
- ☒ D. Neither 1 nor 2

Question ID : 9277598888

Q.12 Which of the following is a small blind pouch at the junction of small and large intestine?

- Ans ☒ A. Jejunum
- ☒ B. Duodenum
- ☒ C. Ileum
- ☒ D. Caecum

Question ID : 9277598884

Q.13 Which of the following belongs to genus Felis?

- Ans ☒ A. Lion
- ☒ B. Cat
- ☒ C. Tiger
- ☒ D. Leopard

Question ID : 9277598880

Q.14 Mark the incorrect statement regarding Dental caries.

- Ans ☒ A. In this saliva reach the tooth surface and neutralise the acid
- ☒ B. Dental caries or tooth decay causes gradual softening of enamel and dentine
- ☒ C. It begins when bacteria acting on sugars produce acids that softens or demineralises the enamel
- ☒ D. Masses of bacterial cells together with food particles stick to the teeth to form dental plaque

Question ID : 9277598886

Q.15 Touch-me-not is a plant of ____ family.

- Ans ☒ A. Cruciferae
- ☒ B. Mimosa
- ☒ C. Malvaceae
- ☒ D. Liliaceae

Question ID : 9277598874

Q.16 What is the function of synapses?

- Ans ☒ A. It's a part of kidney which helps to remove toxic bacteria from the body
- ☒ B. It's a hormone that regulates anxiety
- ☒ C. It's a junction from which nerve impulse is transmitted from one neuron to another
- ☒ D. It's a juice which aids liver to digest protein

Question ID : 9277598876

Q.17 Which of the following is not contained by forebrain?

- Ans ☒ A. Cerebrum
- ☒ B. Hypothalamus
- ☒ C. Thalamus
- ☒ D. Medulla

Question ID : 9277598877

Q.18 A mixture of oxygen and _____ is used as anesthesia in surgical operations.

- Ans ☒ A. Nitrous oxide
- ☒ B. Sulphurous oxide
- ☒ C. Hydrogen monoxide
- ☒ D. Hydrogen

Question ID : 9277598890

Q.19 In aquatic plants, large air cavities are present in parenchyma to give buoyancy to the plants to help them float. Such a parenchyma type is called _____.

- Ans ☒ A. Aerenchyma
- ☒ B. Oxychyma
- ☒ C. Floatachyma
- ☒ D. Windochyma

Question ID : 9277598878

Q.20 Given below Taxonomic categories showing hierarchial arrangement in ascending order.

Species → Genus → Class → Order

Which of the following is incorrectly placed in the arrangement?

- Ans ☒ A. Class
- ☒ B. Genus
- ☒ C. Order
- ☒ D. Species

Question ID : 9277598881

Q.1 Which of the following is an example of indigenous variety of poultry?

1. Aseel

2. Leghorn

Choose the correct code.

- Ans
- ☐ A. Both 1 and 2
 - ☐ B. Only 2
 - ☒ C. Only 1
 - ☐ D. Neither 1 nor 2

Question ID : 9277598895

Q.2 Green Revolution began in India in -

- Ans
- ☐ A. 1957
 - ☒ B. 1968
 - ☐ C. 1975
 - ☐ D. 1982

Question ID : 9277598899

Q.3 Which of the following should be a parameter for inter-cropping practices?

- Ans
- ☐ A. Their species should be similar
 - ☐ B. Their maturity-duration should be different
 - ☐ C. They should grow in different climates
 - ☒ D. Their nutrient requirements should be different

Question ID : 9277598894

Q.4 Which of the following is a micronutrient for plants?

- Ans
- ☒ A. Iron
 - ☐ B. Nitrogen
 - ☐ C. Magnesium
 - ☐ D. Phosphorus

Question ID : 9277598893

Q.5 How many macro-nutrients are essential for plants?

- Ans
- ☐ A. 7
 - ☒ B. 6
 - ☐ C. 5
 - ☐ D. 4

Question ID : 9277598898

Q.6 If we start heating water from 0°C, then till what temperature does it contract?

- Ans ☒ A. 4°C
☒ B. 3°C
☒ C. 5°C
☒ D. 2°C

Question ID : 9277598902

Q.7 What is the lowest intensity of sound that a human ear can hear?

- Ans ☒ A. 1 dB
☒ B. 15 dB
☒ C. 10 dB
☒ D. 5 dB

Question ID : 9277598900

Q.8 *Apis mellifera* is bee that has been brought to India from ____.

- Ans ☒ A. UK
☒ B. France
☒ C. Russia
☒ D. Italy

Question ID : 9277598901

Q.9 Which of the following can NOT be used as a plant growth regulator?

- Ans ☒ A. Peroxyacetyl nitrate
☒ B. Auxin
☒ C. Gibberellins
☒ D. Cytokinin

Question ID : 9277598897

Q.10 Which of the following fishes feed on the weeds?

- Ans ☒ A. Catlas
☒ B. Mrigals
☒ C. Grass Carps
☒ D. Rohus

Question ID : 9277598896

Q.1 Who out of the following is not one of the chief exponents of the trait theory of personality?

- Ans ☒ A. R.B. Cattell
☒ B. G.W. Allport
☒ C. H.J. Eysenck
☒ D. R. K. Pritchett

Question ID : 9277598906

Q.2 Which of the following can be one of the sources and forms of gender discrimination?

1. Textbooks
2. Laws and rules
Choose the correct code.

- Ans ☒ A. Only 2
☒ B. Neither 1 nor 2
☒ C. Both 1 and 2
☒ D. Only 1

Question ID : 9277598910

Q.3 Which of the following teaching methods assumes that the whole group can give more ideas than a person?

- Ans ☒ A. Brain Storming
☒ B. Home assignment method
☒ C. Project method
☒ D. Discovery method

Question ID : 9277598911

Q.4 Which of the following age range is known as early childhood?

- Ans ☒ A. 3-7 years
☒ B. 1-6 years
☒ C. 2-6 years
☒ D. 4-8 years

Question ID : 9277598908

Q.5 शिक्षा का अधिकार अधिनियम, 2009 की निम्नलिखित में से कौन सी धारा बच्चे के शिक्षा के अधिकार की निगरानी का प्रावधान करती है?

- Ans ☒ A. 34
☒ B. 32
☒ C. 33
☒ D. 31

Question ID : 9277598909

Q.6 Which of the following should be the criteria for selection of resources for teaching?

1. Usefulness
 2. Clarity
 3. Simplicity
- Use the correct code.

Ans ☒ A. Only 1 and 2
☒ B. Only 1 and 3
☒ C. Only 2 and 3
☒ D. 1, 2 and 3

Question ID : 9277598904

Q.7 Which of the following sections of the Right to Education Act, 2009 provides for the duties of teachers and redressal of grievances?

Ans ☒ A. 18
☒ B. 20
☒ C. 22
☒ D. 24

Question ID : 9277598905

Q.8 Which of the following doesn't belong to the Projective Techniques of methods of assessing personality?

Ans ☒ A. Aptitude Test
☒ B. Children Apperception Test
☒ C. Graphology
☒ D. BG Test

Question ID : 9277598907

Q.9 In which of the following academic sessions was the system of alternate courses was discontinued?

Ans ☒ A. 1975-76
☒ B. 1972-73
☒ C. 1989-90
☒ D. 1984-85

Question ID : 9277598903

Q.10 Which of the following is not a function of a teacher?

1. Evaluating the achievement of pupils.
 2. Preparation of progress-reports.
- Choose the correct code.

Ans ☒ A. Only 2
☒ B. Both 1 and 2
☒ C. Only 1
☒ D. Neither 1 nor 2

Question ID : 9277598912