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# **DSSSB Patwari**

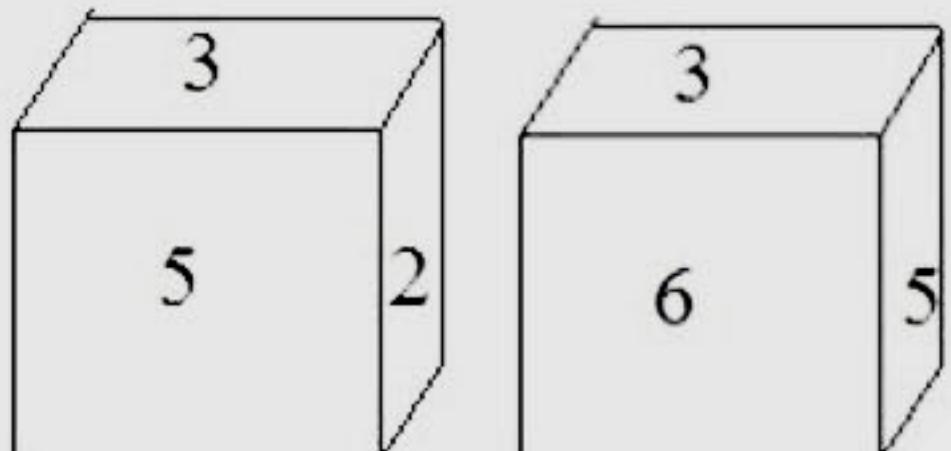
**Previous Year Paper  
20 Aug 2022 Shift I**



Test Date	20/08/2022
Test Time	8:30 AM - 10:30 AM
Subject	Patwari

Section: Mental Ability

**Q.1** Two positions of the same dice are given.



Which face is opposite the face marked 6?

**Ans**

- A. 4
- B. 2
- C. 3
- D. 5

Question ID : 1841224840

**Q.2** Given below are 2 statements followed by 3 conclusions. Consider the statements and conclusions to be true even if they vary from commonly known facts and then decide which of the conclusions follow/s from the given statements.

**Statements:**

All birds are peacocks.

No peacock is a cat.

**Conclusions:**

- I. Some birds are cats.
- II. All cats are birds.
- III. No bird is a cat.

**Ans**

- A. No conclusion follows.
- B. Conclusions I and II follow.
- C. Only conclusion III follows.
- D. All the conclusions follow.

Question ID : 1841224828

**Q.3** Given below is a statement followed by two assumptions. Decide which of the assumptions is/are implicit in the given statement.

**Statement:**

A speaker says, 'If chess is this much easy game, I don't want to play it'.

**Assumptions:**

- I. The speaker doesn't like chess due to less probability of winning.
- II. The speaker likes difficult games.

**Ans**  A. None of the assumptions is implicit.

B. Both the assumptions are implicit.

C. Only assumption I is implicit.

D. Only assumption II is implicit.

Question ID : 1841224837

**Q.4** What will be the next term in the given letter number symbol series.

L3\*, 6\*I, \*F9, C12\*, ?

**Ans**  A. Z15\*

B. 15\*Z

C. 15Z\*

D. Z\*15

Question ID : 1841224831

**Q.5** If

A % B means A is multiplied to B,

A # B means A is added to B,

A @ B means A is divided by B,

A \$ B means B is subtracted from A;

then what is the value of  $15 @ 5 \% 7 \# 9 \$ 4$  ?

**Ans**  A. 14

B. 28

C. 16

D. 26

Question ID : 1841224844

**Q.6** Six friends C, D, E, F, G and H, working in the same office, live in the same building but on different floors. Ground floor is numbered as 1<sup>st</sup> floor, the floor above it as 2<sup>nd</sup> floor and so on up to 6<sup>th</sup> floor. G lives between the floors of C and F. E lives between the floors of D and H. F does not live above/below the floor of H. Two friends live above the floor of F. On which floor does D live?

Ans  A. 3<sup>rd</sup>  
 B. 6<sup>th</sup>  
 C. 1<sup>st</sup>  
 D. 4<sup>th</sup>

Question ID : 1841224827

**Q.7** What will be the missing letter in the given letter series.

C, F, L, ?, G, V

Ans  A. O  
 B. T  
 C. U  
 D. V

Question ID : 1841224830

**Q.8** Three out of four given options are alike in some manner and one is different. Choose the odd one out.

Ans  A. 71  
 B. 83  
 C. 157  
 D. 267

Question ID : 1841224843

**Q.9** Which number will be there in place of question mark (?) in the given number matrix?

5	20	17
29	64	37
19	?	25

Ans  A. 42  
 B. 54  
 C. 63  
 D. 52

Question ID : 1841224841

Q.10 Select the option which is related to the third term in the same way as second term is related to the first term.

MQL : NJO :: CPT : ?

Ans  A. DID  
 B. XGP  
 C. FJP  
 D. XKG

Question ID : 1841224835

Q.11 Which number in the following series is wrong?

37, 44, 55, 79, 107

Ans  A. 44  
 B. 79  
 C. 107  
 D. 55

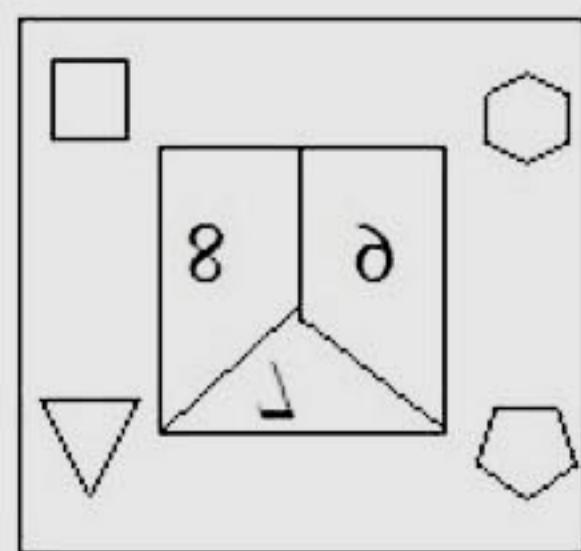
Question ID : 1841224842



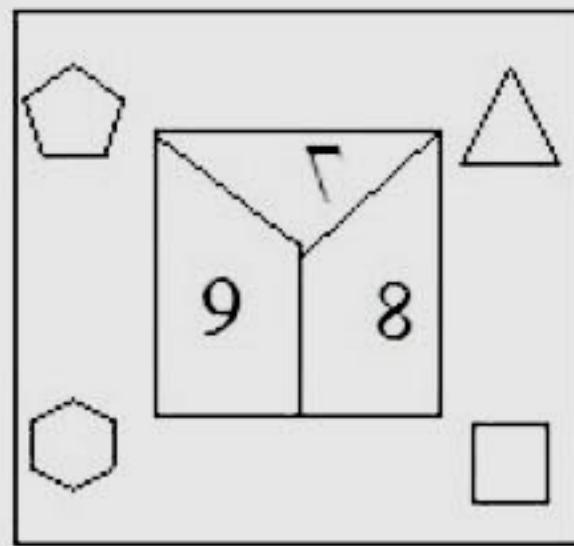
**Q.12** Three of the following four option figures are similar in a certain manner while one is different. Choose the odd one out.

**Ans**

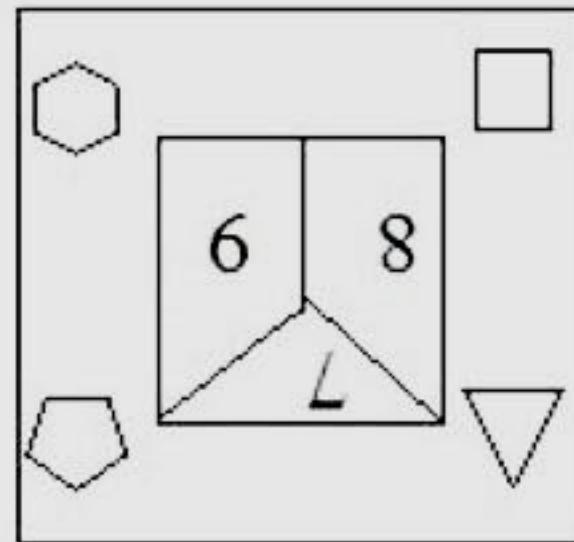
**X** A.



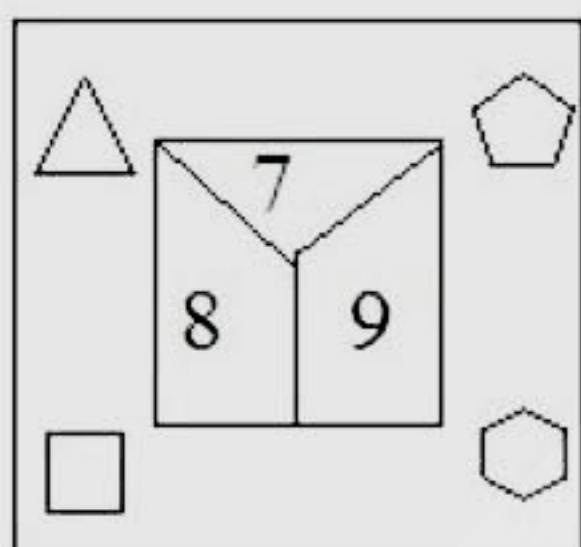
**✓** B.



**X** C.



**X** D.



Question ID : 1841224838

**Q.13** Three out of four letter clusters are similar in some manner and one is different. Select the odd one out.

**Ans**

- ✓** A. AEN
- X** B. EIR
- X** C. QUD
- X** D. UYH

Question ID : 1841224836

Q.14 If

$A * B$  means A is the father of B,

$A \# B$  means A is the mother of B,

$A @ B$  means A is the husband of B,

$A \$ B$  means A is the son of B;

then for the given expression  $P @ T \# Q * M \$ S$ , how is Q related to S?

Ans

- A. Uncle
- B. Cousin
- C. Son-in-law
- D. Husband

Question ID : 1841224834

Q.15 One evening while returning from school, Rakesh met his friend Vimal at a square. They were facing each other. At that time Vimal's shadow was directly on Rakesh. After talking for some time, Rakesh took right hand turn. To which direction he was moving then?

Ans

- A. West
- B. East
- C. South
- D. North

Question ID : 1841224833

Q.16 Which two numbers should be interchanged to make the given equation correct.

$$98 \div 3 + 25 \times 7 - 18 = 71$$

Ans

- A. 3 and 18
- B. 7 and 3
- C. 25 and 18
- D. 98 and 3

Question ID : 1841224845

Q.17 Forty students of class V are standing in a queue for going to attend school's morning assembly. Only Eight classmates are standing before Reena and only seven classmates are standing after Sachin. How many students are standing between Reena and Sachin?

Ans

- A. 27
- B. 25
- C. 21
- D. 23

Question ID : 1841224826

**Q.18** If in a code language 'UMBRELLA' is written as 'YIXNIHHE', then how will 'OBJECTIVE' be written in the same code language?

**Ans** ✓ A. SXFIYPMRI

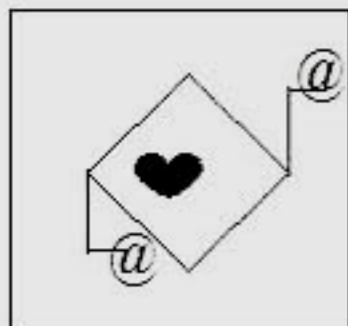
✗ B. SXNAGPMRI

✗ C. SFXIYMMRI

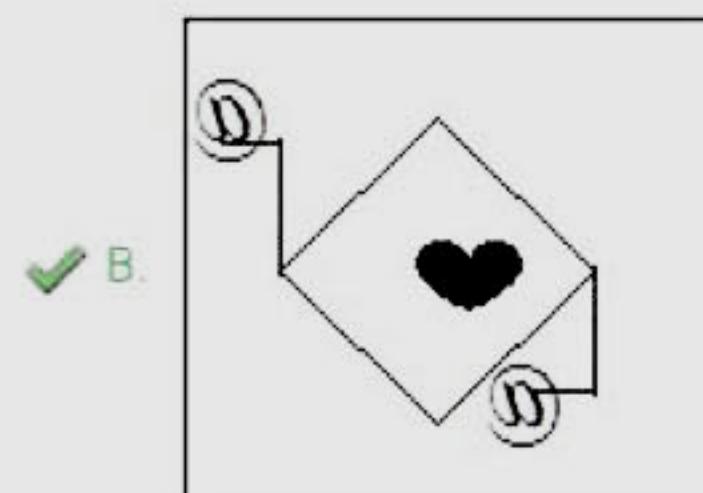
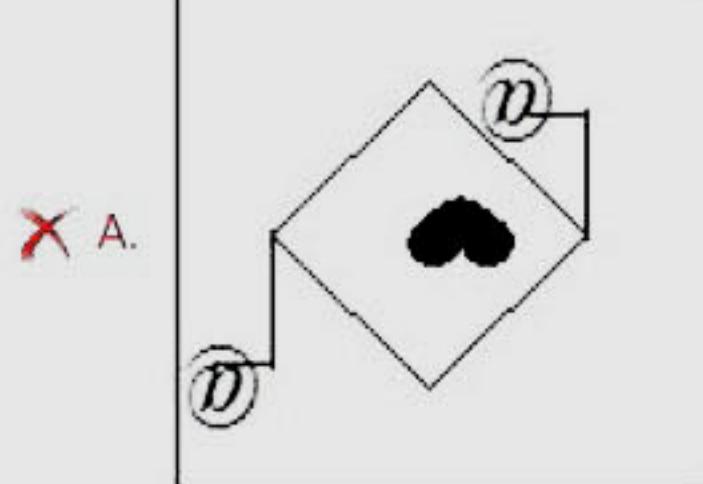
✗ D. SIXFYMPRI

Question ID : 1841224832

**Q.19** Select the correct mirror image of the given figure if the mirror is placed at the right side of the figure.



**Ans**



Question ID : 1841224839

**Q.20** If  $P < Q$ ,  $Z = T$ ,  $Z > Q$ ,  $N > M$ ,  $P > N$ ; then what is definitely true?

Ans  A.  $M < Z$   
 B.  $T < N$   
 C.  $M = Q$   
 D.  $P < M$

Question ID : 1841224829

Section : General Awareness

**Q.1** Who was born as Narendranath Dutta in Calcutta in January 1863?

Ans  A. Raja Ram Mohan Roy  
 B. Bal Gangadhar Tilak  
 C. Ramakrishna Paramahansa  
 D. Swami Vivekananda

Question ID : 1841224855

**Q.2** Which new variant of COVID-19 variant said to be a more mutated strain than Omicron has been reportedly identified by scientists and experts in France?

Ans  A. "ILU"  
 B. "IHU"  
 C. "IMU"  
 D. "ICU"

Question ID : 1841224847

**Q.3** Which Micro-blogging platform launched the 'Jagruk Voter' campaign, which aims to empower citizens with right knowledge before they vote?

Ans  A. LinkedIn  
 B. Twitter  
 C. Instagram  
 D. Facebook

Question ID : 1841224851

**Q.4** Which Article of the Indian Constitution dealt with the citizenship at the commencement of the Constitution?

Ans  A. Article 6  
 B. Article 5  
 C. Article 4  
 D. Article 3

Question ID : 1841224864

**Q.5** The Battle of Poona in which Yashwantrao Holkar of Indore defeated combined armies of Peshwas and the Scindias, was fought in which year?

**Ans**  A. 1802

B. 1867

C. 1818

D. 1832

Question ID : 1841224853

**Q.6** Which state has been awarded the first prize in Third National Water Awards-2020 in the best state category by Department of Water Resources, Ministry of Jal Shakti?

**Ans**  A. Uttar Pradesh

B. Gujarat

C. Andhra Pradesh

D. Kerala

Question ID : 1841224849

**Q.7** As per Census 2011 of India, density of population in India is \_\_\_\_ persons per sq km.

**Ans**  A. 382

B. 540

C. 456

D. 654

Question ID : 1841224860

**Q.8** Which of the following is NOT an example of refraction of light?

**Ans**  A. Moonlight

B. bent pencil in glass of water

C. Rainbow

D. appearing of raised coin in a trough filled with water

Question ID : 1841224862

**Q.9** Which of the following *Bhavas* that are expressed in the classical dance are NOT matched properly to the meaning given in front of them?

**Ans**  A. Shringar: Love

B. Adbhoot: Wonder

C. Karuna: Humorous

D. Bibhats: Disgust

Question ID : 1841224857

**Q.10** Which of the following popular sports person has decided that she is bidding adieu to sports at the end of 2022?

Ans  A. P.V. Sindhu  
 B. Sania Mirza  
 C. Mary Kom  
 D. Saina Nehwal

Question ID : 1841224852

**Q.11** Which testing kit developed by Tata has been approved by the Indian Council of Medical Research (ICMR) for detecting the Omicron variant of the SARS-CoV-2 coronavirus?

Ans  A. Omicrol  
 B. OmiSure  
 C. Omivary  
 D. Omitrata

Question ID : 1841224846

**Q.12** The Ministry of Culture, Government of India has included Chhau into the list of classical dances that makes a total of how many classical dance forms in India?

Ans  A. 8  
 B. 7  
 C. 10  
 D. 9

Question ID : 1841224856

**Q.13** Which new species of dwarf catfish was discovered in Milak River in the state of Nagaland?

Ans  A. Otocinclus  
 B. Bristlenose Pleco  
 C. Pseudolaguvia Vespa  
 D. Striped Raphael

Question ID : 1841224863

**Q.14** Which king of the Tuluva dynasty was the most famous king of the Vijayanagar Empire?

Ans  A. Harihara I  
 B. Krishna Deva Raya  
 C. Bukka I  
 D. Ramaraya

Question ID : 1841224854

**Q.15 In which state is the festival of Bastar Dussehra celebrated?**

Ans  A. Bihar  
 B. Maharashtra  
 C. Chhattisgarh  
 D. Uttar Pradesh

Question ID : 1841224858

**Q.16 Indian Renewable Energy Development Agency Limited (IREDA) is what type of Government of India Enterprise under the administrative control of Ministry of New and Renewable Energy (MNRE)?**

Ans  A. Micro Ratna  
 B. Maha Ratna  
 C. Mini Ratna  
 D. Mega Ratna

Question ID : 1841224861

**Q.17 Which global crypto super app that is a special business unit of TickerPlant, announced the launch of India's first index of Cryptocurrencies – IC15?**

Ans  A. CryptoLine  
 B. CryptoPlant  
 C. CryptoWire  
 D. CryptoLook

Question ID : 1841224848

**Q.18 Which Amendment Act, 1991 of Indian Constitution accorded a special status to the Union Territory of Delhi by designing it as the National Capital Territory of Delhi?**

Ans  A. 47<sup>th</sup>  
 B. 69<sup>th</sup>  
 C. 55<sup>th</sup>  
 D. 76<sup>th</sup>

Question ID : 1841224865

**Q.19 As per a Finance ministry's February, 2021 communication, which sector's all banks are allowed to participate in government-related business?**

Ans  A. Co-operative  
 B. Private  
 C. Public  
 D. Regional

Question ID : 1841224850

**Q.20** Which type of financial institution serves a specific demographic per their field of membership, such as teachers or members of the military?

**Ans**  A. Credit Unions

B. Retail Banks

C. Commercial banks

D. Investment Banks and Companies

Question ID : 1841224859

Section : Arithmetic Ability

**Q.1** The Cost price of 20 articles is equal to the Selling price of 25 articles. What is the profit or loss percentage

**Ans**  A. Profit 20%

B. Profit 25%

C. Loss 25%

D. Loss 20%

Question ID : 1841224873

**Q.2** Study the table and answer the questions.

Employees working in various departments of ABC India Company Ltd.

Years	Departments (No. of Employees)				
	Production	Marketing	Corporate	Accounts	Research
2015	185	30	45	50	76
2016	215	38	50	60	72
2017	440	63	28	85	70
2018	450	71	31	102	72
2019	495	85	38	128	72
2020	510	73	32	120	76

In which department did the number of employees remain the same during the years 2015 and 2020?

**Ans**  A. Marketing

B. Research

C. Accounts

D. Production

Question ID : 1841224883

**Q.3** There are two three-digit numbers. When one number is divided by another number, quotient obtained is 5 and remainder is 0. The sum of both the numbers is a multiple of 420. What is the difference between the numbers?

**Ans**  A. 505

B. 555

C. 550

D. 560

Question ID : 1841224868

**Q.4** Study the table and answer the questions.

Employees working in various departments of ABC India Company Ltd.

Years	Departments (No. of Employees)				
	Production	Marketing	Corporate	Accounts	Research
2015	185	30	45	50	76
2016	215	38	50	60	72
2017	440	63	28	85	70
2018	450	71	31	102	72
2019	495	85	38	128	72
2020	510	73	32	120	76

Which Department had less than 10% of the employees through all the years shown in the table.

**Ans**

- A. Accounts
- B. Production
- C. Research
- D. Marketing

Question ID : 1841224882

**Q.5** Find the value of  $(61 + 62 + 63 + \dots + 100) = ?$

**Ans**

- A. 3217
- B. 3218
- C. 3220
- D. 3219

Question ID : 1841224870

**Q.6** The ratio of the volumes of the two cylinders are 4 : 5 and their heights are 6 : 7. What is the ratio of their diameters.

**Ans**

- A.  $\sqrt{11} : \sqrt{12}$
- B.  $\sqrt{14} : \sqrt{5}$
- C.  $\sqrt{14} : \sqrt{15}$
- D.  $\sqrt{4} : \sqrt{15}$

Question ID : 1841224881

**Q.7** A certain number of men can finish a piece of work in 80 days. If however there were 8 men less it would take another 14 days to finish the work. How many men were there originally?

**Ans**

- A. 52
- B. 54
- C. 51
- D. 53

Question ID : 1841224876

Q.8 The average of 6 members of a family is 28. If one of the members whose age is 30 years is excluded, then the other are in the ratio 3 : 4 : 5 : 6 : 7. Find the age of eldest member of the family. (Upto one decimal)

Ans  A. 36.5  
 B. 37.2  
 C. 38.6  
 D. 33.4

Question ID : 1841224878

Q.9 Fourteen persons can cut 7 trees in 12 days. In how many days can 10 persons can cut 10 trees.

Ans  A. 23  
 B. 24  
 C. 21  
 D. 22

Question ID : 1841224875

Q.10 Simple interest on a certain sum at 4% per annum for 2 years is ₹80. What is the compound interest on the same sum for the same period of time.

Ans  A. ₹82.60  
 B. ₹79.80  
 C. ₹78.56  
 D. ₹81.60

Question ID : 1841224874

Q.11 ABC company is the number one idea developer company worldwide. One day they sold idea 1 to CL and idea 2 to AMS at a profit of 15% and 20% respectively. If the sum of developing idea 1 & 2 is ₹30,000. What is the developing cost of idea 2.

Ans  A. ₹14,365.36  
 B. ₹14,680.85  
 C. ₹12,345.36  
 D. ₹15,235.63

Question ID : 1841224871

Q.12 If  $4x - 6y = 6$  and  $\frac{x}{x+y} = \frac{4}{5}$  then what is the value of  $x$  .

Ans

A.  $\frac{11}{5}$

B.  $\frac{3}{5}$

C.  $\frac{12}{5}$

D.  $\frac{9}{5}$

Question ID : 1841224869

Q.13 A shopkeeper marks up his goods by 50% and gives a discount of 20%. Apart from this he uses a faulty balance also, which reads 1000 gm for 900 gm. What is his net profit percentage?

Ans

A. 33.33

B. 31.33

C. 34.33

D. 32.22

Question ID : 1841224872

Q.14 The volume of spheres are proportional to the cubes of their radii. Two spheres of the same material weigh 2.4 kg and 2.8 kg and the radius of the smaller one is 3 cm. If the two were melted down and formed into a single sphere what would be its radius. (Approximate Value)

Ans

A. 3.56 cm

B. 3.32 cm

C. 3.72 cm

D. 3.88 cm

Question ID : 1841224879

Q.15 Find the value of  $\left[ \frac{0.04}{0.16} + \frac{0.16}{0.04} \right]^3$  .

Ans

A. 76.5432

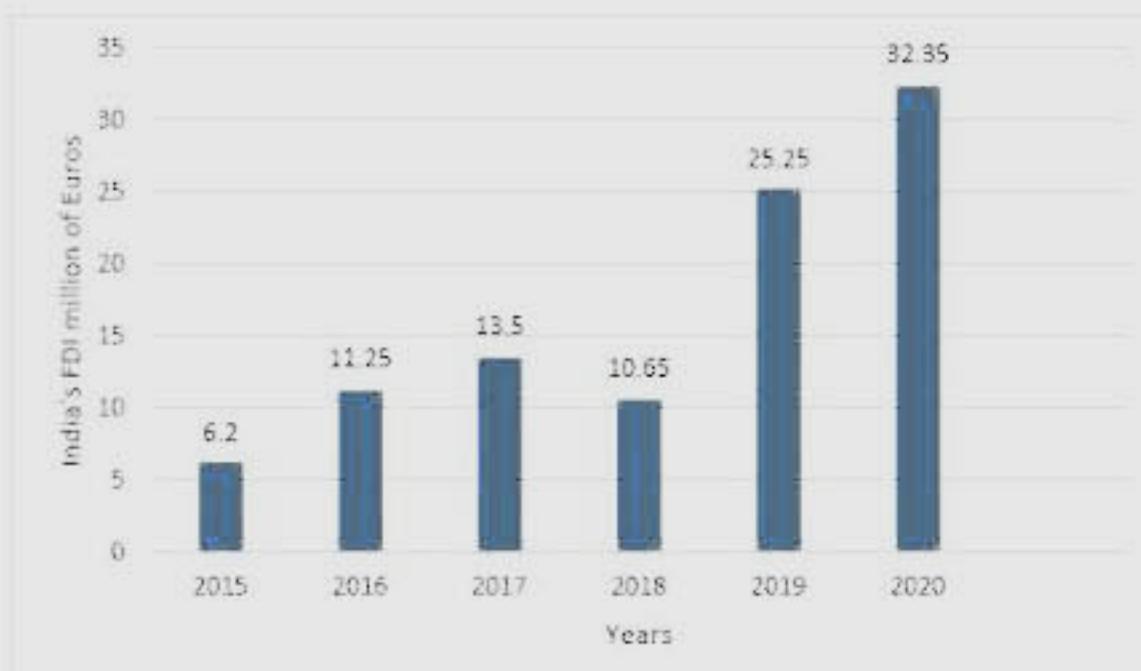
B. 76.4553

C. 76.7656

D. 76.5232

Question ID : 1841224866

**Q.16** The following Bar chart shows the trends of foreign direct investment into India from all over the world. Answer the questions.



What was the ratio of investment in 2020 over the investment in 2015?

**Ans**  A. 32.35 : 11.25  
 B. 32.35 : 10.65  
 C. 32.35 : 6.2  
 D. 25.25 : 6.2

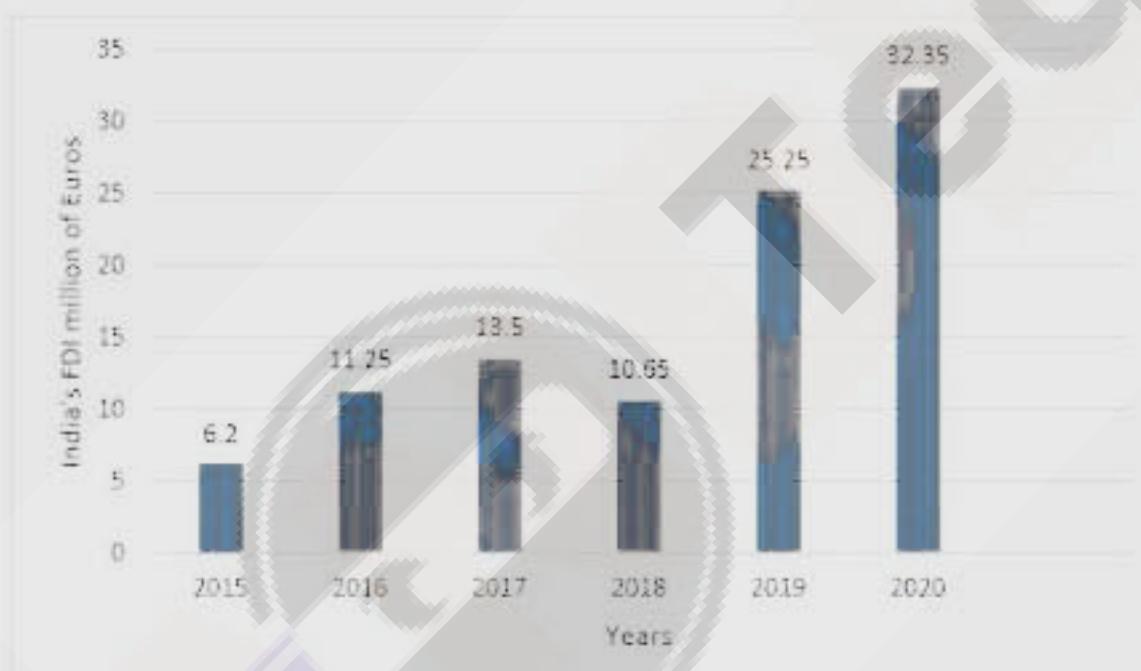
Question ID : 1841224885

**Q.17** Which is the closest approximation to the product of  $0.2222 \times 0.16 \times 0.399 \times 0.115 \times 20$ ?

**Ans**  A. 0.02  
 B. 0.04  
 C. 0.01  
 D. 0.03

Question ID : 1841224867

**Q.18** The following Bar chart shows the trends of foreign direct investment into India from all over the world. Answer the questions.



What was the absolute difference in the FDI to India in between 2019 and 2020?

**Ans**  A. 7.3  
 B. 7.4  
 C. 7.2  
 D. 7.1

Question ID : 1841224884

Q.19 The average of  $n$  numbers is 36. If half of the numbers are increased by 3 each and the remaining are decreased by 5 each, then what is the new average?

Ans  A. 34  
 B. 33  
 C. 32  
 D. 35

Question ID : 1841224877

Q.20 A piece of paper is in the shape of a right-angled triangle and is cut along a line that is parallel to the hypotenuse, leaving a smaller triangle. There was a 40% reduction in the length of the hypotenuse of the triangle. If the area of the original triangle was 25 sq inches before the cut. What is the area of the smaller triangle?

Ans  A. 6 sq unit  
 B. 9 sq unit  
 C. 8 sq unit  
 D. 7 sq unit

Question ID : 1841224880

Section : General English

Q.1 Arrange the following sentences in the correct order to form a meaningful paragraph.

A. Ancient Sumerian, Egyptian, and Chinese civilizations began to adapt such symbols to represent concepts.  
B. This is because pictographs can transcend languages and communicate to speakers of a number of language families equally effectively.  
C. Early written symbols (pictographs) were based on pictures which resembled what they signified.  
D. Pictographs are still in use as the main medium of written communication in some non-literate cultures in Africa, the Americas, and Oceania.

Ans  A. CDBA  
 B. DBAC  
 C. CABD  
 D. ACDB

Question ID : 1841224898

Q.2 Select the correct meaning of the given idiom.

Your guess is as good as mine

Ans  A. being sure of the outcome  
 B. not recognizing one's enemies  
 C. not knowing the answer  
 D. being good at guessing the answer

Question ID : 1841224894

**Q.3 Select the correct meaning of the given proverb.**  
**Don't put all your eggs in one basket**

**Ans**

- A. arrange things in an orderly fashion
- B. cluttering things may lead to damage
- C. don't try to lift a very heavy load
- D. don't risk everything on a single venture

Question ID : 1841224895

**Q.4 Select the correct meaning of the given idiom.**  
**left out in the cold**

**Ans**

- A. to feel very cold
- B. to be devoid of warm clothes
- C. to be turned out of home
- D. to be ignored or excluded

Question ID : 1841224893

**Q.5 Select the correct antonym of the given word.**  
**menace**

**Ans**

- A. greed
- B. Hazard
- C. Threat
- D. comfort

Question ID : 1841224891

**Q.6 Fill in the blank with the most appropriate word.**  
**Put \_\_\_\_\_ some money for your old age.**

**Ans**

- A. by
- B. down
- C. out
- D. behind

Question ID : 1841224887

**Q.7 Fill in the blank with the most appropriate word.**  
**She did not give any \_\_\_\_\_ information which could solve the case.**

**Ans**

- A. crucial
- B. classic
- C. curious
- D. callous

Question ID : 1841224899

**Q.8** Fill in the blank with the most appropriate word.  
Many people die \_\_\_\_ cancer every year.

Ans  A. for  
 B. by  
 C. in  
 D. of

Question ID : 1841224886

**Q.9** Select the correct synonym of the given word.

Clad

Ans  A. happy  
 B. helpless  
 C. bare  
 D. dressed

Question ID : 1841224890

**Q.10** Fill in the blank with the most appropriate word.

They chose to ignore the \_\_\_\_ of their activities on the environment.

Ans  A. residue  
 B. emission  
 C. collision  
 D. impact

Question ID : 1841224900

**Q.11** Fill in the blank with the most appropriate word.

He \_\_\_\_ fainted, call in a doctor at once.

Ans  A. have  
 B. has  
 C. had  
 D. is

Question ID : 1841224889

**Q.12** Identify the grammatically correct sentence.

Ans  A. Low-cost bamboo and a vast range of utility domestic furniture can be made from items.  
 B. Domestic furniture and a vast range of low cost bamboo items can be made from utility.  
 C. Low-cost domestic furniture and a vast range of utility items can be made from bamboo.  
 D. A vast range of domestic bamboo can be made from low-cost utility items and furniture.

Question ID : 1841224897

**Q.13 Select the correctly spelt word.**

Ans  A. opinon  
 B. disaster  
 C. preech  
 D. sucess

Question ID : 1841224896

**Q.14 Fill in the blank with the most appropriate word.**

I \_\_\_\_\_ all conditions of your proposal \_\_\_\_\_ the last one.

Ans  A. accept, accept  
 B. accept, except  
 C. except, accept  
 D. except, except

Question ID : 1841224892

**Q.15 Fill in the blank with the most appropriate word.**

I \_\_\_\_\_ expected that he would do so well in life without any formal education.

Ans  A. regularly  
 B. never  
 C. normally  
 D. usually

Question ID : 1841224888



**Comprehension:**

Read the passage and answer the questions that follow.

Power foods are foods that provide rich levels of nutrients like fibre, potassium and minerals. With people becoming increasingly health conscious today, a lot of fitness trainers encourage their clients to include these foods in their daily diet to increase muscle development. There are various ways of incorporating power foods in your daily diet. Of course, the key to enjoying power foods is proper preparation of these foods, the use of season-fresh foods, and identifying your choice of flavour among power foods.

Some of the recommended power food combinations are those that are prepared in our kitchens on a regular basis. Take for instance, the combination of chickpeas and onions. This combination is a powerful source of iron which is required by the body to transport oxygen to its various parts. Iron deficiency can lead to anaemia, fatigue and brain fog. A study by the Journal of Agricultural and Food Chemistry says that sulphur compounds in onion and garlic help in the absorption of iron and zinc from chickpeas. The combination is a hit with teenagers who need to be diligent about getting iron in their diet. A quick way to prepare this power food is to make a chickpea salad with chopped onions and cilantro.

Another combination favourite with power food takers is yoghurt and bananas. This makes for a perfect snack after a rough game of football. Exercising burns glucose and thus lowers blood sugar. Yoghurt is packed with proteins that help preserve muscle mass, and bananas are packed with carbohydrates that help in refuelling energy and preventing muscle soreness.

A quick and easy recipe is a banana smoothie topped with cool yoghurt.

Among beverages, green tea is the best source of catechins that are effective in halting oxidative damage to cells. According to researchers at the Purdue University, adding a dash of lemon juice to green tea makes the catechins even more easily absorbable by the body. So, the next time you have friends at your place, serve them rounds of iced green tea with mint and lemon juice.

**SubQuestion No : 16**

**Q.16 What is the meaning of 'incorporating' as used in the passage?**

Ans  A. dispersing  
 B. including  
 C. pioneering  
 D. founding

Question ID : 1841224905



**Comprehension:**

Read the passage and answer the questions that follow.

Power foods are foods that provide rich levels of nutrients like fibre, potassium and minerals. With people becoming increasingly health conscious today, a lot of fitness trainers encourage their clients to include these foods in their daily diet to increase muscle development. There are various ways of incorporating power foods in your daily diet. Of course, the key to enjoying power foods is proper preparation of these foods, the use of season-fresh foods, and identifying your choice of flavour among power foods.

Some of the recommended power food combinations are those that are prepared in our kitchens on a regular basis. Take for instance, the combination of chickpeas and onions. This combination is a powerful source of iron which is required by the body to transport oxygen to its various parts. Iron deficiency can lead to anaemia, fatigue and brain fog. A study by the Journal of Agricultural and Food Chemistry says that sulphur compounds in onion and garlic help in the absorption of iron and zinc from chickpeas. The combination is a hit with teenagers who need to be diligent about getting iron in their diet. A quick way to prepare this power food is to make a chickpea salad with chopped onions and cilantro.

Another combination favourite with power food takers is yoghurt and bananas. This makes for a perfect snack after a rough game of football. Exercising burns glucose and thus lowers blood sugar. Yoghurt is packed with proteins that help preserve muscle mass, and bananas are packed with carbohydrates that help in refuelling energy and preventing muscle soreness. A quick and easy recipe is a banana smoothie topped with cool yoghurt.

Among beverages, green tea is the best source of catechins that are effective in halting oxidative damage to cells. According to researchers at the Purdue University, adding a dash of lemon juice to green tea makes the catechins even more easily absorbable by the body. So, the next time you have friends at your place, serve them rounds of iced green tea with mint and lemon juice.

**SubQuestion No : 17**

**Q.17 Which of these may occur due to iron deficiency?**

**Ans**

- A. high glucose levels
- B. low glucose levels
- C. extreme tiredness
- D. muscle development

Question ID : 1841224902



**Comprehension:**

Read the passage and answer the questions that follow.

Power foods are foods that provide rich levels of nutrients like fibre, potassium and minerals. With people becoming increasingly health conscious today, a lot of fitness trainers encourage their clients to include these foods in their daily diet to increase muscle development. There are various ways of incorporating power foods in your daily diet. Of course, the key to enjoying power foods is proper preparation of these foods, the use of season-fresh foods, and identifying your choice of flavour among power foods.

Some of the recommended power food combinations are those that are prepared in our kitchens on a regular basis. Take for instance, the combination of chickpeas and onions. This combination is a powerful source of iron which is required by the body to transport oxygen to its various parts. Iron deficiency can lead to anaemia, fatigue and brain fog. A study by the Journal of Agricultural and Food Chemistry says that sulphur compounds in onion and garlic help in the absorption of iron and zinc from chickpeas. The combination is a hit with teenagers who need to be diligent about getting iron in their diet. A quick way to prepare this power food is to make a chickpea salad with chopped onions and cilantro.

Another combination favourite with power food takers is yoghurt and bananas. This makes for a perfect snack after a rough game of football. Exercising burns glucose and thus lowers blood sugar. Yoghurt is packed with proteins that help preserve muscle mass, and bananas are packed with carbohydrates that help in refuelling energy and preventing muscle soreness. A quick and easy recipe is a banana smoothie topped with cool yoghurt.

Among beverages, green tea is the best source of catechins that are effective in halting oxidative damage to cells. According to researchers at the Purdue University, adding a dash of lemon juice to green tea makes the catechins even more easily absorbable by the body. So, the next time you have friends at your place, serve them rounds of iced green tea with mint and lemon juice.

**SubQuestion No : 18**

**Q.18 Lemon juice enhances the effect of green tea by:**

**Ans**

- A. providing instant muscle power
- B. refueling energy in sportspersons
- C. making catechins more readily absorbable
- D. improving nutrient levels in the body

Question ID : 1841224906



**Comprehension:**

Read the passage and answer the questions that follow.

Power foods are foods that provide rich levels of nutrients like fibre, potassium and minerals. With people becoming increasingly health conscious today, a lot of fitness trainers encourage their clients to include these foods in their daily diet to increase muscle development. There are various ways of incorporating power foods in your daily diet. Of course, the key to enjoying power foods is proper preparation of these foods, the use of season-fresh foods, and identifying your choice of flavour among power foods.

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Among beverages, green tea is the best source of catechins that are effective in halting oxidative damage to cells. According to researchers at the Purdue University, adding a dash of lemon juice to green tea makes the catechins even more easily absorbable by the body. So, the next time you have friends at your place, serve them rounds of iced green tea with mint and lemon juice.

**SubQuestion No : 19**

**Q.19 Which of these statements is NOT true?**

**Ans**

- A. Green tea can stop oxidative cell damage.
- B. Power food recipes can be prepared by fitness trainers only.
- C. People are more health conscious today than before.
- D. Power foods help to increase muscle development.

Question ID : 1841224904



### Comprehension:

Read the passage and answer the questions that follow.

Power foods are foods that provide rich levels of nutrients like fibre, potassium and minerals. With people becoming increasingly health conscious today, a lot of fitness trainers encourage their clients to include these foods in their daily diet to increase muscle development. There are various ways of incorporating power foods in your daily diet. Of course, the key to enjoying power foods is proper preparation of these foods, the use of season-fresh foods, and identifying your choice of flavour among power foods.

Some of the recommended power food combinations are those that are prepared in our kitchens on a regular basis. Take for instance, the combination of chickpeas and onions. This combination is a powerful source of iron which is required by the body to transport oxygen to its various parts. Iron deficiency can lead to anaemia, fatigue and brain fog. A study by the Journal of Agricultural and Food Chemistry says that sulphur compounds in onion and garlic help in the absorption of iron and zinc from chickpeas. The combination is a hit with teenagers who need to be diligent about getting iron in their diet. A quick way to prepare this power food is to make a chickpea salad with chopped onions and cilantro.

Another combination favourite with power food takers is yoghurt and bananas. This makes for a perfect snack after a rough game of football. Exercising burns glucose and thus lowers blood sugar. Yoghurt is packed with proteins that help preserve muscle mass, and bananas are packed with carbohydrates that help in refuelling energy and preventing muscle soreness. A quick and easy recipe is a banana smoothie topped with cool yoghurt.

Among beverages, green tea is the best source of catechins that are effective in halting oxidative damage to cells. According to researchers at the Purdue University, adding a dash of lemon juice to green tea makes the catechins even more easily absorbable by the body. So, the next time you have friends at your place, serve them rounds of iced green tea with mint and lemon juice.

#### SubQuestion No : 20

**Q.20 Which of these foods can help prevent muscle soreness after exercise?**

Ans  A. green tea with mint  
 B. chickpeas and onion  
 C. lemon juice with cilantro  
 D. banana and yogurt

Question ID : 1841224903

### Section: General Hindi

**Q.1 प्रयोग के आधार पर क्रिया विशेषण का निम्न में से कौन सा भेद है?**

Ans  A. अनुबद्ध क्रिया विशेषण  
 B. रीतिवाचक क्रियाविशेषण  
 C. रीतिवाचक क्रिया विशेषण  
 D. परिमाणवाचक क्रिया विशेषण

Question ID : 1841224909

**Q.2 'यदि वह परिश्रम करता तो निश्चय ही सफल होता' यह किस प्रकार का वाक्य है?**

Ans  A. निषेध वाचक वाक्य  
 B. विधि वाचक वाक्य  
 C. संदेह वाचक वाक्य  
 D. संकेत वाचक वाक्य

Question ID : 1841224920

Q.3 'हाथ फेलाना' मुहावरे का सही अर्थ क्या है?

Ans  A. कर्ज हो जाना  
 B. खो देना  
 C. कुछ मांगना  
 D. विवाह कर देना

Question ID : 1841224916

Q.4 जिस वाक्य में एक उपवाक्य और एक या एक से अधिक आश्रित उपवाक्य होते हैं उसे क्या कहा जाता है?

Ans  A. संयुक्त  
 B. सरल  
 C. संदेह  
 D. मिश्रित

Question ID : 1841224919

Q.5 निम्न में से अयादि संधि की पहचान करें?

Ans  A. नायक  
 B. गिरीन्द्र  
 C. महोदय  
 D. जलौध

Question ID : 1841224910

Q.6 निम्न में से किस लोकोक्ति का अर्थ 'मात्र संयोग से सफलता प्राप्त होना' होता है?

Ans  A. एक पंथ दो काज  
 B. अंधों में काना राजा  
 C. अंधे के हाथ बटेर  
 D. थोथा चना बाजे घना

Question ID : 1841224917

Q.7 'बात बनना' मुहावरा का अर्थ क्या है?

Ans  A. झगड़ा बढ़ जाना  
 B. नष्ट हो जाना  
 C. रहस्य प्रकट करना  
 D. कार्य हो लाजा

Question ID : 1841224915

Q.8 निम्न में से कौन सा शब्द 'तद्दद्व' है?

Ans  A. आवाज  
 B. जनाब  
 C. वंशी  
 D. चौबे

Question ID : 1841224921

Q.9 'आदेश ने गाना गाया है' इस वाक्य में कौन सा काल है?

Ans  A. सामान्य भविष्य काल  
 B. सामान्य भूतकाल  
 C. पूर्ण वर्तमान काल  
 D. पूर्ण भूत काल

Question ID : 1841224918

Q.10 'नाव' का पर्यायवाची निम्न में से कौन सा नहीं है?

Ans  A. डोंगी  
 B. तरणी  
 C. उपस  
 D. पतंग

Question ID : 1841224911

Q.11 निम्न में से 'हर्ष' का विलोम शब्द क्या है?

Ans  A. विषाद  
 B. पीड़ा  
 C. खुशी  
 D. दुःख

Question ID : 1841224914

Q.12 'नागरिक' शब्द का विलोम क्या है?

Ans  A. ग्रामीण  
 B. सलज्ज  
 C. जंगली  
 D. विरक्ति

Question ID : 1841224913

Q.13 रूप की दृष्टि से क्रिया विशेषण के कितने भेद हैं?

Ans  A. चार  
 B. पांच  
 C. तीन  
 D. दो

Question ID : 1841224907

Q.14 'राम सुबह जल्दी उठता है' में क्रिया विशेषण का कौन सा भेद है?

Ans  A. रीतिवाचक  
 B. कालवाचक  
 C. परिमाणवाचक  
 D. स्थानवाचक

Question ID : 1841224908

Q.15 'पक्षी' का पर्यायवाची निम्न में से क्या है?

Ans  A. तुरंग  
 B. सारंग  
 C. विशिख  
 D. द्विज

Question ID : 1841224912

**Comprehension:**

शिक्षा जीवनोपयोगी और रुचि के अनुकूल होनी चाहिए। छात्रों को सही शिक्षा मिले, इसके लिए अभिभावक, छात्र, अध्यापक एवं शिक्षा संस्था को अपना-अपना दायित्व समझना होगा। अभिभावक अपने बच्चे के मानसिक स्तर और रुचि का पहला पारखी होता है। उसे चाहिए कि वे बच्चे की मानसिक क्षमता और रुचि को पहचाने और उसे सही विषय और शिक्षा संस्था चुनने में सहायक बने। छात्र भी अपनी रुचि के अनुसार अपने भविष्य की दिशा देखकर विषय और संस्था का चुनाव करें। चुनाव करते समय जीविका के उपयुक्त शिक्षा की ओर ध्यान देना भी जरूरी है।

**SubQuestion No : 16**

Q.16 उपर्युक्त गद्यांश का उचित शीर्षक क्या है?

Ans  A. चुनाव का महत्व  
 B. रुचि की पहचान  
 C. मानसिक क्षमता  
 D. सही शिक्षा

Question ID : 1841224923

**Comprehension:**

शिक्षा जीवनोपयोगी और रुचि के अनुकूल होनी चाहिए। छात्रों को सही शिक्षा मिले, इसके लिए अभिभावक, छात्र, अध्यापक एवं शिक्षा संस्था को अपना-अपना दायित्व समझना होगा। अभिभावक अपने बच्चे के मानसिक स्तर और रुचि का पहला पारखी होता है। उसे चाहिए कि वे बच्चे की मानसिक क्षमता और रुचि को पहचाने और उसे सही विषय और शिक्षा संस्था चुनने में सहायक बने। छात्र भी अपनी रुचि के अनुसार अपने भविष्य की दिशा देखकर विषय और संस्था का चुनाव करें। चुनाव करते समय जीविका के उपयुक्त शिक्षा की ओर ध्यान देना भी जरूरी है।

**SubQuestion No : 17**

Q.17 'अनुकूल' का विलोम शब्द क्या है?

Ans  A. अनुसार  
 B. प्रतीक  
 C. प्रतिकूल  
 D. प्रतिरोध

Question ID : 1841224925

**Comprehension:**

शिक्षा जीवनोपयोगी और रुचि के अनुकूल होनी चाहिए। छात्रों को सही शिक्षा मिले, इसके लिए अभिभावक, छात्र, अध्यापक एवं शिक्षा संस्था को अपना-अपना दायित्व समझना होगा। अभिभावक अपने बच्चे के मानसिक स्तर और रुचि का पहला पारखी होता है। उसे चाहिए कि वे बच्चे की मानसिक क्षमता और रुचि को पहचाने और उसे सही विषय और शिक्षा संस्था चुनने में सहायक बनें। छात्र भी अपनी रुचि के अनुसार अपने भविष्य की दिशा देखकर विषय और संस्था का चुनाव करें। चुनाव करते समय जीविका के उपयुक्त शिक्षा की ओर ध्यान देना भी जरूरी है।

**SubQuestion No : 18**

Q.18 अभिभावकों को क्या करना चाहिए?

Ans  A. बच्चों को अपने अनुसार चलने दें  
 B. बच्चों को अपनी मनमर्जी करने दे  
 C. बच्चों की क्षमता और रुचि के अनुसार उनकी सहायता करें  
 D. अभिभावक अपनी रुचि के विषय के लिए बच्चों को प्रेरित करें

Question ID : 1841224924

**Comprehension:**

शिक्षा जीवनोपयोगी और रुचि के अनुकूल होनी चाहिए। छात्रों को सही शिक्षा मिले, इसके लिए अभिभावक, छात्र, अध्यापक एवं शिक्षा संस्था को अपना-अपना दायित्व समझना होगा। अभिभावक अपने बच्चे के मानसिक स्तर और रुचि का पहला पारखी होता है। उसे चाहिए कि वे बच्चे की मानसिक क्षमता और रुचि को पहचाने और उसे सही विषय और शिक्षा संस्था चुनने में सहायक बनें। छात्र भी अपनी रुचि के अनुसार अपने भविष्य की दिशा देखकर विषय और संस्था का चुनाव करें। चुनाव करते समय जीविका के उपयुक्त शिक्षा की ओर ध्यान देना भी जरूरी है।

**SubQuestion No : 19**

Q.19 बच्चों के लिए अभिभावकों को किस प्रकार के विषयों और शिक्षण संस्थानों का चयन करना चाहिए?

Ans  A. बच्चों की रुचि और भविष्य की दिशा देखकर  
 B. जो पढ़ने में आसान हो तथा सरल हो  
 C. जहाँ अभिभावकों को जानने वाले हों  
 D. जहाँ अधिक अंक प्राप्त होते हों

Question ID : 1841224927

**Comprehension:**

शिक्षा जीवनोपयोगी और रुचि के अनुकूल होनी चाहिए। छात्रों को सही शिक्षा मिले, इसके लिए अभिभावक, छात्र, अध्यापक एवं शिक्षा संस्था को अपना-अपना दायित्व समझना होगा। अभिभावक अपने बच्चे के मानसिक स्तर और रुचि का पहला पारखी होता है। उसे चाहिए कि वे बच्चे की मानसिक क्षमता और रुचि को पहचाने और उसे सही विषय और शिक्षा संस्था चुनने में सहायक बनें। छात्र भी अपनी रुचि के अनुसार अपने भविष्य की दिशा देखकर विषय और संस्था का चुनाव करें। चुनाव करते समय जीविका के उपयुक्त शिक्षा की ओर ध्यान देना भी जरूरी है।

**SubQuestion No : 20**

Q.20 बच्चे के मानसिक स्तर और रुचि का पहला पारखी कौन होता है?

Ans  A. दोस्त  
 B. शिक्षक  
 C. मनोचिकित्सक  
 D. अभिभावक

Question ID : 1841224926

**Q.1** Select the option that represents the correct matching of the below lists.

LIST-1	LIST-2
I) Consist of notation called tags	A) Java
II) Designed for business data processing	B) SNOBOL
III) Used for non-numeric applications	C) COBOL
IV) Object Oriented programming	D) Markup Language

**Ans**  A. I - D, II - C, III - B, IV - A

B. I - D, II - C, III - A, IV - B

C. I - C, II - A, III - B, IV - D

D. I - C, II - A, III - D, IV - B

Question ID : 1841224946

**Q.2** Which of the following is NOT used as an input device?

**Ans**  A. Digitizing Tablet

B. Joystick

C. Track Ball

D. Plotter

Question ID : 1841224932

**Q.3** Which of the following options best describes the truthfulness of the following statements?

(i) Assembler is a software that converts a program written in assembly language into machine code.

(ii) Compiler converts a high level source code line-by-line into equivalent machine executable form.

**Ans**  A. (i) - FALSE; (ii) - FALSE

B. (i) - TRUE; (ii) - TRUE

C. (i) - TRUE; (ii) - FALSE

D. (i) - FALSE; (ii) - TRUE

Question ID : 1841224939

**Q.4** Select the option that represents the correct matching of the below lists.

LIST-1	LIST-2
I) Backup for data and instructions	A) Secondary memory
II) Central Processing Unit	B) Cache memory
III) Random Access Memory	C) Brain of computer
IV) A very high-speed memory	D) Primary memory

**Ans**  A. I - A, II - C, III - D, IV - B

B. I - D, II - A, III - C, IV - B

C. I - C, II - A, III - B, IV - D

D. I - D, II - C, III - B, IV - A

Question ID : 1841224930

**Q.5** In MS-Excel 2021, the output of calling the function =DELTA(10, 2) is \_\_\_\_\_.

**Ans**  A. -1

B. 2

C. 0

D. 1

Question ID : 1841224942

**Q.6** Which of the following register contains the address of the next instructions to be processed?

**Ans**  A. Accumulator

B. Program Counter

C. Memory Address Register

D. Memory Buffer Register

Question ID : 1841224929

**Q.7** Which of the following statements is/are TRUE?

(i) Python is not suitable for mobile application development.

(ii) Markup language is a standard text-encoding system consisting of a set of symbols inserted in a text document to control its structure, formatting, or the relationship between its parts.

**Ans**  A. (i) - FALSE; (ii) - FALSE

B. (i) - TRUE; (ii) - FALSE

C. (i) - TRUE; (ii) - TRUE

D. (i) - FALSE; (ii) - TRUE

Question ID : 1841224947

**Q.8** A high-speed storage area with in the central processing unit of a computer that have the least storage capacity is known as \_\_\_\_\_.

Ans  A. Multiplexer  
 B. Register  
 C. Transistor  
 D. Vacuum tubes

Question ID : 1841224928

**Q.9** Which of the following statements is/are true with respect to MS-Word 2019?

(i) Shift+F3 is used to switch the text between upper case, lower case, and title case.  
(ii) Ctrl+Shift+Right angle bracket (>) is used to increase the font size.

Ans  A. Only (ii)  
 B. Both (i) and (ii)  
 C. Only (i)  
 D. Neither (i) nor (ii)

Question ID : 1841224943

**Q.10** Which of the following is NOT a purpose of the system software?

Ans  A. To control computer hardware  
 B. To assist in architecture design of user's projects  
 C. To provide basic functionality to computer  
 D. To act as an interface between user applications and computer hardware

Question ID : 1841224936

**Q.11** Which of the following option can be used to describe a sound card?

Ans  A. Supports adjacent vertical lines of different sound that are machine readable.  
 B. Used to detect sound on a card device.  
 C. Used to detect sound directly on computer screen.  
 D. Translates analog audio signals from microphone into digital codes and vice-versa, so that the computer can store and process.

Question ID : 1841224933

**Q.12** Which of the following statements is/are TRUE?

(i) The surface of magnetic disk is divided into concentric circles known as sectors.  
(ii) In magnetic disk, the time taken to move the read/write head to the desired sector is called the seek time.

Ans  A. Neither (i) nor (ii)  
 B. Only (i)  
 C. Both (i) and (ii)  
 D. Only (ii)

Question ID : 1841224935

**Q.13** Select the option that represents the correct matching of the below lists.

LIST-1	LIST-2
I) The number of pixels in horizontal and vertical direction	A) Dot pitch
II) the distance between pixels on a computer display	B) Refresh rate
III) High resolution, flat screen and panel	C) Resolution of screen
IV) The number of times per second The pixels are recharged	D) Liquid Cristal Display

**Ans**

- A. I – C, II – A, III – B, IV – D
- B. I – C, II – A, III – D, IV – B
- C. I – B, II – C, III – D, IV – A
- D. I – D, II – C, III – A, IV – B

Question ID : 1841224934

**Q.14** Which of the following is pre-installed on the computer and acts as a translator between the hardware and the software that uses the devices?

**Ans**

- A. Device controller
- B. Device key
- C. Device driver
- D. Device manager

Question ID : 1841224937

**Q.15** Which of the following language program written on one computer may not work on another computer with a different processor?

**Ans**

- A. Machine language
- B. High-level language
- C. Procedural language
- D. Object based language

Question ID : 1841224944

**Q.16** Which of the following statements is/are FALSE?

- (i) The number of registers and the size of each register in the central processing unit helps to determine its power and speed.
- (ii) The size of the registers, also called the length size indicates the amount of data with which the computer can work at any given time.

**Ans**

- A. Only (ii)
- B. Only (i)
- C. Both (i) and (ii)
- D. Neither (i) nor (ii)

Question ID : 1841224931

**Q.17** Which of the following function is used to remove leading and trailing spaces from the text in MS-Excel 2019?

Ans  A. Trunc()  
 B. Transpose()  
 C. Trim()  
 D. Text()

Question ID : 1841224941

**Q.18** Which of the following keyboard combination is used to add a new slide in an existing PowerPoint 2019 presentation?

Ans  A. CTRL + M  
 B. CTRL + X  
 C. CTRL + N  
 D. CTRL + B

Question ID : 1841224940

**Q.19** Which of the following is a software whose source code is available and can be customized and altered within the specified guideline laid down by the creator?

Ans  A. Shareware  
 B. Demo software  
 C. Freeware  
 D. Open source software

Question ID : 1841224938

**Q.20** Which of the following high-level language is suitable for scientific and engineering applications?

Ans  A. PROLOG  
 B. FORTRAN  
 C. COBOL  
 D. LISP

Question ID : 1841224945

Section : Discipline2

**Q.1** Which of the following statements is/are FALSE?

(i) Key features of object-oriented programming includes abstraction, encapsulation, polymorphism and inheritance.  
(ii) Object based languages supports the usage of object, but need not support inheritance or, polymorphism or, both.

Ans  A. Both (i) and (ii)  
 B. Neither (i) nor (ii)  
 C. Only (i)  
 D. Only (ii)

Question ID : 1841224948

**Q.2 Which of the following transmission protocol is NOT used in local area network?**

Ans  A. Ethernet  
 B. FDDI  
 C. Hub and Spoke  
 D. Token Ring

Question ID : 1841224963

**Q.3 Which of the following options best describes the truthfulness of the following statements?**

(i) A web page on the Internet is uniquely identified by its address called Web site.  
(ii) The process of retrieving a web page from a web server onto the user's computer is called uploading.

Ans  A. (i) - FALSE; (ii) - TRUE  
 B. (i) - TRUE; (ii) - FALSE  
 C. (i) - TRUE; (ii) - TRUE  
 D. (i) - FALSE; (ii) - FALSE

Question ID : 1841224967

**Q.4 Which of the following statements is/are FALSE?**

(i) Search engines work by crawling hundreds of billions of pages using their own web crawlers.  
(ii) These web crawlers are commonly referred to as search engine bots or spiders.

Ans  A. Both (i) and (ii)  
 B. Only (i)  
 C. Neither (i) nor (ii)  
 D. Only (ii)

Question ID : 1841224957

**Q.5 Which of the following options best describes the truthfulness of the following statements?**

(i) The e-mail does not work on the client-server model.  
(ii) E-mail server is a combination of processes running on a server with a large storage capacity – a list of users and rules, and the capability to receive, send, and store emails and attachments.

Ans  A. (i) - TRUE; (ii) - TRUE  
 B. (i) - FALSE; (ii) - TRUE  
 C. (i) - TRUE; (ii) - FALSE  
 D. (i) - FALSE; (ii) - FALSE

Question ID : 1841224960

**Q.6 Which of the following options best describes the truthfulness of the following statements?**

(i) Networking of computers facilitates resource sharing and can be used for backup and support.  
(ii) OSI model is a seven-layer reference model for data networks.

Ans  A. (i) - TRUE; (ii) - FALSE  
 B. (i) - FALSE; (ii) - TRUE  
 C. (i) - FALSE; (ii) - FALSE  
 D. (i) - TRUE; (ii) - TRUE

Question ID : 1841224951

**Q.7** Which of the following feature of a browser maintain a record of server computers visited in a surfing session?

Ans  A. History  
 B. Memory  
 C. UsedAll  
 D. Recall

Question ID : 1841224952

**Q.8** Which of the following statements is/are true?

(i) TCP/IP is the communication protocol for the Internet.  
(ii) Digital subscriber line is almost ten times faster than dial-up access and is an always-on connection.

Ans  A. Only (ii)  
 B. Neither (i) nor (ii)  
 C. Only (i)  
 D. Both (i) and (ii)

Question ID : 1841224965

**Q.9** Which of the following is NOT associated with e-mail header format?

Ans  A. Where  
 B. Cc  
 C. To  
 D. Subject

Question ID : 1841224959

**Q.10** Which of the following is a wide area network topology in which a site is connected to another two central sites, such that if one of these sites are go down, the connection continues?

Ans  A. Full-Mesh-Homed Topology  
 B. Point-To-Point Topology  
 C. Dual-Homed Topology  
 D. Mesh-Homed Topology

Question ID : 1841224964

**Q.11** Which of the following is a service that allows Internet users to explore for information stored on the Internet?

Ans  A. Search engine  
 B. W2 explorer  
 C. Search list  
 D. Lookup engine

Question ID : 1841224955

**Q.12** Which of the following is NOT used as a data communication link among computers of a connected network?

Ans  A. Radio links  
 B. Communication satellites  
 C. Optical fibers  
 D. Transistor links

Question ID : 1841224949

**Q.13** Which of the following is a software program that copies itself from one computer to the another without any human interaction and can spread rapidly in great volume?

Ans  A. Phishing  
 B. Spam  
 C. Botnet  
 D. Computer Worm

Question ID : 1841224961

**Q.14** An advanced, modular banking Trojan that primarily functions as a downloader or dropper of other banking Trojans.

Ans  A. Man in the Middle  
 B. Emotet  
 C. Banknet  
 D. SQL Injection

Question ID : 1841224962

**Q.15** Which of the following options best describes the truthfulness of the following statements?

(i) Microsoft introduced Safari web browser in the year 2003 for commonly used in Windows OS.  
(ii) To run Java applets and flash content, plugins are available in web browsers.

Ans  A. (i) - FALSE; (ii) - TRUE  
 B. (i) - TRUE; (ii) - FALSE  
 C. (i) - TRUE; (ii) - TRUE  
 D. (i) - FALSE; (ii) - FALSE

Question ID : 1841224954

**Q.16** A text-based browser used on computers that do not support graphics?

Ans  A. Chrome  
 B. Zinc  
 C. Lynx  
 D. Mosaic

Question ID : 1841224953

Q.17 Select the option that represents the correct matching of the below lists.

LIST-1	LIST-2
I) China	A) Google
II) Microsoft	B) Baidu
III) Russia	C) Bing
IV) Sundar Pichai	D) Yandex

Ans  A. I – C, II – A, III – B, IV – D  
 B. I – B, II – C, III – D, IV – A  
 C. I – D, II – C, III – B, IV – A  
 D. I – C, II – A, III – D, IV – B

Question ID : 1841224958

Q.18 A type of distributed denial of services in which millions of systems can be infected with malware and controlled by a hacker is known as \_\_\_\_.

Ans  A. Botnet  
 B. Emotet  
 C. Dotnet  
 D. Phishing

Question ID : 1841224966

Q.19 Which of the following is NOT a valid characteristics for distinguishing different types of computer network?

Ans  A. Size of the network  
 B. Networking topology  
 C. Cost of the network  
 D. Transmission technology

Question ID : 1841224950

Q.20 Which of the following option is used to search for two or more words in a search engine?

Ans  A. +  
 B. ""  
 C. \*  
 D. OR

Question ID : 1841224956

Section : Discipline3

**Q.1** In order to ensure holistic development of agriculture and allied sectors, the Rashtriya Krishi Vikas Yojana (RKVY), an umbrella scheme was initiated in which year?

**Ans**  A. 2019

B. 2007

C. 2010

D. 2014

Question ID : 1841224971

**Q.2** The Ashokan pillar that stands in Firoz Shah Kotla was brought to Delhi from which place and in which period?

**Ans**  A. From Topra in Haryana in the sixteenth century

B. From Topra in Haryana in the fourteenth century

C. From Meerut in Uttar Pradesh in the sixteenth century

D. From Meerut in Uttar Pradesh in the fourteenth century

Question ID : 1841224975

**Q.3** Delhi was declared as the National Capital Territory by which of the following Act?

**Ans**  A. National Capital Region Planning Board Act of, 1991

B. Government of National Capital Territory of Delhi Act, 1991

C. National Capital Region Planning Board Act of, 1985

D. Government of National Capital Territory of Delhi Act, 1985

Question ID : 1841224979

**Q.4** According to the Delhi Assembly Rules, which of the following condition will make a motion non-admissible in the Assembly?

**Ans**  A. It shall not anticipate a matter which is to be discussed in the same session

B. It shall raise a question of privilege

C. It shall raise substantially only one definite issue of recent occurrence

D. It shall not refer to the conduct or character of persons except in their public capacity

Question ID : 1841224984

**Q.5** Which of the following statement(s) is/are true for NCR Constituent Areas?

I. The NCR as notified covers the whole of NCT-Delhi.

II. The NCR as notified covers Alwar, Bharatpur and Sikar district of Rajasthan.

**Ans**  A. Both I and II

B. Only I

C. Only II

D. Neither I nor II

Question ID : 1841224978

**Q.6 What was the nature of the erstwhile Delhi Metropolitan Council?**

Ans  A. Non legal body  
 B. Advisory and deliberative body  
 C. Judicial body  
 D. Non statutory body

Question ID : 1841224982

**Q.7 What is the aim of setting up Saheli SamanvayKendras in Anganwadi hub centres in Delhi?**

Ans  A. To provide professional yoga training to the residents  
 B. Provide free coaching and scholarships to economically and socially backward students  
 C. Socio-economic empowerment of women  
 D. Welfare of male construction workers

Question ID : 1841224969

**Q.8 Who notified the Mukhyamantri Covid-19 Pariwar Aarthik Sahayata Yojana in NCT of Delhi?**

Ans  A. The Prime Minister of India  
 B. Lieutenant Governor of NCT of Delhi  
 C. The Chief minister of Delhi  
 D. The President of India

Question ID : 1841224968

**Q.9 Edwin Lutyens incorporated Indian architectural elements while designing the buildings for the new imperial city. Lutyens' inspiration to build the Viceroy's House came from :**

Ans  A. Sanchi Stupa and its railings  
 B. Dome and minarets of Taj Mahal  
 C. Konark Sun temple  
 D. Monuments in Qutub complex

Question ID : 1841224972

**Q.10 Which of the following statement(s) is/are correct with respect to PM-KISAN scheme?**

I. The scheme provides income support of Rs 6,000 per year in two equal installments to the beneficiaries.  
II. The fund is directly transferred to the bank accounts of the beneficiaries.

Ans  A. Neither I nor II  
 B. Both I and II  
 C. Only II  
 D. Only I

Question ID : 1841224970

**Q.11 Before Seventh Constitutional Amendment Act, 1956, Delhi was given the status of which state?**

**Ans**

- A. Part D state
- B. Part B state
- C. Part C state
- D. Part A state

Question ID : 1841224977

**Q.12 Which of the following is INCORRECT with respect to Delhi Village Development Board?**

**Ans**

- A. Delhi Village Development Board is responsible for integrated development of both rural and urban villages in Delhi
- B. Delhi Village Development Board replaced Delhi Rural Development Board
- C. The Chief Minister of Delhi will be the chairperson of the Delhi Village Development Board
- D. Delhi Village Development Board will look after construction of link roads, village roads, ponds, etc.

Question ID : 1841224987

**Q.13 The special provisions with respect to Delhi are mentioned in which Article of the Constitution of India?**

**Ans**

- A. Article 243 ZB
- B. Article 243 A
- C. Article 237
- D. Article 239 AA

Question ID : 1841224976

**Q.14 Which of the following statement(s) is/are true for area cover of the National Capital Territory of Delhi?**

- I. The National Capital Territory of Delhi covers an area of 1,483 sq. Km.
- II. 1,114 sq. Km of the National Capital Territory of Delhi area is designated as rural area.

**Ans**

- A. Neither I nor II
- B. Only II
- C. Only I
- D. Both I and II

Question ID : 1841224980

**Q.15 In 1877 the first Delhi Durbar was held to celebrate the new title of Kaiser-e-Hind, adopted by which British monarch?**

**Ans**

- A. Queen Victoria
- B. King George V
- C. Queen Elizabeth
- D. King Edward VII

Question ID : 1841224973

**Q.16 In context of Legislative Assembly of Delhi, who is empowered to summon, prorogue or dissolve the Assembly?**

Ans  A. The President of India  
 B. The Prime Minister of India  
 C. The Chief minister of Delhi  
 D. The Lieutenant Governor of Delhi

Question ID : 1841224981

**Q.17 The evidences of which period have been found in the lowest levels of the site of Mandoli near Nand Nagari?**

Ans  A. Neolithic age  
 B. Paleolithic age  
 C. Late Harappan period  
 D. Late Gupta period

Question ID : 1841224974

**Q.18 Which of the following statement(s) is/are true in context of agriculture and rural development in Delhi?**

I. The Agricultural activity is continuously increasing in Delhi due to technological advancements.  
II. The number of rural villages reduced from 214 in 1981 to 112 in 2011 Census.

Ans  A. Only I  
 B. Neither I nor II  
 C. Both I and II  
 D. Only II

Question ID : 1841224986

**Q.19 Which of the following statement(s) is/are NOT true for the members of Delhi Legislative Assembly?**

I. They are not empowered to vote in the election of the President of India.  
II. They are subject to the tenth Schedule of the Constitution

Ans  A. Only I  
 B. Both I and II  
 C. Only II  
 D. Neither I nor II

Question ID : 1841224983

**Q.20 Which of the following statement(s) is/are NOT true for Delhi Panchayat Raj?**

I. Delhi Panchayat Raj Act aimed to establish and develop local self Government in the rural areas of Delhi.  
II. Delhi Panchayat Raj was replaced by Delhi Municipal Corporation Act in the year 1960.

Ans  A. Neither I and II  
 B. Only II  
 C. Only I  
 D. Both I and II

Question ID : 1841224985

**Q.1 The Imperial Delhi Committee was formed in which year?**

**Ans**  A. 1917

B. 1913

C. 1932

D. 1928

Question ID : 1841224990

**Q.2 What does "land of common utility" include under The Delhi Land Reforms Act, 1954?**

**Ans**  A. Lands as are recorded as such at the last settlement or have been or would have been customarily recorded as such on 31 March, 1950

B. Lands as are recorded as such at the last settlement or have been or would have been customarily recorded as such on 1st January, 1950

C. Lands as are recorded as such at the last settlement or have been or would have been customarily recorded as such on 1st April, 1950

D. Lands as are recorded as such at the last settlement or have been or would have been customarily recorded as such on 1st July, 1950

Question ID : 1841225002

**Q.3 \_\_\_\_\_ is a committee for addressing complaints / difficulties / appeals and providing appropriate redressal in a time bound manner.**

**Ans**  A. Legislative Committee

B. Select Committee

C. Complaint Resolving Committee

D. Grievance Redressal Committee

Question ID : 1841225006

**Q.4 What is 'Zone' under The Delhi Development Act, 1957**

**Ans**  A. Any one of the divisions in which Delhi may be divided for the purposes of development

B. Any area declared under sub-section (1) of section 15 of The Delhi Development Act, 1957

C. Any area declared under sub-section (1) of section 12 of The Delhi Development Act, 1957.

D. Any of the divisions in which Delhi may be divided for the purposes of development

Question ID : 1841225003

**Q.5 Which of the following statement(s) is/are TRUE for the Public Distribution System in Delhi?**

I. The important responsibilities of Public Distribution are discharged by Department of Food & Civil Supplies, Delhi.

II. In 2016, Delhi implemented the National Food Security Act, 2013.

**Ans**  A. Only I

B. Only II

C. Neither I nor II

D. Both I and II

Question ID : 1841224988

**Q.6 Explain 'Kiosk' under Unified Building Bye Laws of Delhi 2016.**

**Ans**

- A. A booth operating for selling and promoting goods and services, etc
- B. A booth operating for selling small consumables such as newspapers, magazines, street maps, confectionary, tea, coffee etc.
- C. A booth operating for selling and promoting small scale industries
- D. A booth operating for selling FMCG goods

Question ID : 1841225005

**Q.7 Which of the following statement is NOT true for Delhi Jal Board?**

**Ans**

- A. In alliance with Ganga Action Plan, Delhi Jal Board will improve the water quality of Ganga to acceptable standards
- B. Delhi Jal Board is responsible for entire Delhi's water supply and sewage system
- C. Delhi Jal Board was constituted under the Delhi Jal Board Act, 1998
- D. Delhi Jal Board owns and operates Bhagirathi Water Treatment Plant which was commissioned in the year 1983

Question ID : 1841224995

**Q.8 \_\_\_\_\_ is a holding which is not an uneconomic holding.**

**Ans**

- A. Economic holding
- B. Land
- C. Estate
- D. Improvement

Question ID : 1841224999

**Q.9 Which of the following civic body is NOT a part of re-unified Municipal Corporation of Delhi?**

**Ans**

- A. East Delhi Municipal Corporation
- B. West Delhi Municipal Corporation
- C. South Delhi Municipal Corporation
- D. North Delhi Municipal Corporation

Question ID : 1841224989

**Q.10 Which of the following is NOT a sub division of the New Delhi district?**

**Ans**

- A. Daryaganj
- B. Chanakya Puri
- C. Delhi Cantonment
- D. Vasant Vihar

Question ID : 1841224996

**Q.11** The first Master Plan, 1961-1981 was promulgated by Delhi Development Authority in which year?

Ans  A. 1964  
 B. 1960  
 C. 1963  
 D. 1962

Question ID : 1841224993

**Q.12** In order to inculcate the cutting edge pedagogy and assessments in the schools of Delhi, Delhi Board of School Education entered in partnership with which worldwide non profit education program?

Ans  A. Childhood Education International  
 B. Plan International  
 C. International Baccalaureate  
 D. Asha for Education

Question ID : 1841224992

**Q.13** Which of the following statement(s) is/are correct for Delhi Parks and Gardens Society?

I. It is not entitled to provide financial assistance to Residents Welfare Associations and Non-Governmental Organisations.  
II. During the financial year 2022-23, it intends to cover 2200 parks with the participation of 500 Residents Welfare Associations and Non-Governmental Organisations.

Ans  A. Only II  
 B. Neither I nor II  
 C. Both I and II  
 D. Only I

Question ID : 1841224994

**Q.14** Who is one class of tenure-holder and one class of sub-tenure holder?

Ans  A. Non-occupancy tenant, sub-tenant  
 B. Tenant, sub-tenant  
 C. Bhumidhar, Asami  
 D. Asami, Bhumidhar

Question ID : 1841225000

**Q.15** Which of the following is one of the function of Vigilance Department of Municipal Corporation of Delhi?

Ans  A. It establishes polling booths for corporation election, gurdwara election, Delhi legislative assembly election and Lok Sabha election  
 B. Maintaining sanitation in public conveniences like toilets, urinal blocks and dustbins  
 C. Works as cadre controlling authority of all employees of category A posts  
 D. Providing a link between Municipal Corporations, courts and the Central Bureau of Investigation (CBI).

Question ID : 1841224991

**Q.16 Who is an 'Allottee' under Delhi Development Authority (Management and Disposal of Housing States) Regulations, 1968?**

**Ans**

- A. A person to whom a property has been allotted by way of mortgage deed
- B. A person to whom a property has been allotted by way of sale
- C. A person to whom a property has been allotted by way of lease
- D. A person to whom a property has been allotted by way of leave and license

Question ID : 1841225004

**Q.17 What is excluded in the definition of 'Charitable Purpose' under The Delhi Land Reforms Act, 1954?**

**Ans**

- A. Relief of the poor and education
- B. Relief of the advancement of any other object of public utility
- C. Relief of the medical relief
- D. Relief to religious teaching or worship

Question ID : 1841224998

**Q.18 Which of the following function of Magistrate, Additional District Magistrate and Sub Divisional Magistrates of Delhi is INCORRECT?**

**Ans**

- A. Deputy Commissioners, Additional District Magistrates and Sub Divisional Magistrates are conferred with powers as registrars of marriage
- B. Sub Divisional Magistrates are Returning Officers for parliamentary constituencies
- C. Sub Divisional Magistrates are designated as Assistant Collectors and Revenue Assistants
- D. Magistrates are empowered to issue various kinds of statutory certificates including SC/ST, OBC and domicile.

Question ID : 1841224997

**Q.19 What does 'means of access' include under The Delhi Development Act, 1957?**

**Ans**

- A. Includes any means of access whether private or public, for vehicle passengers only
- B. Includes any means of public access, for vehicles or for foot passengers, and includes a road
- C. Includes any means of private access, for vehicles or for foot passengers, and includes a road
- D. Includes any means of access whether private or public, for vehicles or for foot passengers, and includes a road

Question ID : 1841225007

**Q.20 Legal Representative under The Delhi Land Reforms Act, 1954 has the same meaning assigned to it in \_\_\_\_.**

**Ans**

- A. Code of Civil Procedure, 1908
- B. Section 5 of the Punjab Tenancy Act, 1887
- C. U.P. Land Revenue Act, 1901
- D. The Code of Criminal Procedure, 1973

Question ID : 1841225001

Q.1 How many arbitrators can be appointed by the Central Government for the settlement of betterment of charge under section 39(1) of The Delhi Development Act, 1957?

Ans  A. 1  
 B. 2  
 C. 5  
 D. 3

Question ID : 1841225022

Q.2 What is the time limit to file an appeal to the Chief Commissioner for any person aggrieved by an order of the Deputy Commissioner under section 169 of The Delhi Land Reforms Act, 1954?

Ans  A. 30  
 B. 120  
 C. 60  
 D. 90

Question ID : 1841225015

Q.3 Under which provision of The Delhi Restriction of Uses of Land Act, 1941, The Chief Commissioner decides to acquire the land?

Ans  A. Section 10  
 B. Section 9  
 C. Section 14  
 D. Section 8

Question ID : 1841225026

Q.4 Who is liable to pay the charge of documents under the regulation 15 of the Delhi Development Authority (Management and Disposal of Housing Estates) Regulations, 1968?

Ans  A. Allottee only  
 B. Allottee or hirer  
 C. Hirer only  
 D. Lessee

Question ID : 1841225008

Q.5 Who has the power to enhance the penalties under section 50 of The Delhi Development Act, 1957?

Ans  A. Metropolitan Magistrate  
 B. Parliament  
 C. The Delhi Development Authority  
 D. The Central Government

Question ID : 1841225027

**Q.6 Which is the body registered under Delhi Development Authority (Management and Disposal of Housing Estates) Regulations, 1968?**

**Ans**

- A. Housing Society
- B. Registered Housing Society
- C. Registered Agency
- D. Housing Estate

Question ID : 1841225009

**Q.7 How can the seller transfer its ownership rights to allottee in a property under Delhi Development Authority (Management and Disposal of Housing Estates) Regulations, 1968?**

**Ans**

- A. By way of share purchase agreement
- B. By way of Conveyance Deed
- C. By way of lease deed
- D. By way of hire purchase agreement

Question ID : 1841225023

**Q.8 When is mutation required?**

**Ans**

- A. Upon the sale or lease of the property by the allottee/registrant
- B. Upon the death of allottee/registrant of the property or when the property is gifted/sold by the allottee to another person
- C. Upon the death of allottee or transferor or legal heir only
- D. When the property is gifted/sold by the allottee to another person or bank or financial institution

Question ID : 1841225010

**Q.9 What is the tenure of fasli year under The Delhi Land Reforms Act, 1954?**

**Ans**

- A. Commencing on 1st April and ending on 31st March
- B. Commencing on 1st January and ending on 31st December
- C. Commencing on 1st July and ending on 30th June
- D. Commencing on 1st May and ending on 30th April

Question ID : 1841225016

**Q.10 Which land may be declared as a controlled area by the Chief Commissioner with previous sanction of the Central Government under section 3 of The Delhi Restriction of Uses of Land Act, 1941?**

**Ans**

- A. Declare any land adjacent to and within a distance of 440 yards from the centre line of any road
- B. Declare any land adjacent to and within a distance of 400 yards from the centre line of any road
- C. Declare any land adjacent to and within a distance of 490 yards from the centre line of any road
- D. Declare any land adjacent to and within a distance of 420 yards from the centre line of any road

Question ID : 1841225025

**Q.11 Under which provision of The Delhi Development Act, 1957, The Delhi Development Authority is constituted?**

Ans  A. Section 5  
 B. Section 3  
 C. Section 4  
 D. Section 5A

Question ID : 1841225013

**Q.12 What happens to the contract or agreement made between a proprietor and any person on or after the 1st day of July, 1950?**

Ans  A. Such contract or agreement shall be declared as invalid  
 B. Such contract or agreement shall be declared as voidable  
 C. Such contract or agreement shall be declared as null and void  
 D. Such contract or agreement shall be declared as valid by both the parties

Question ID : 1841225017

**Q.13 How often The Delhi Development Authority shall a report of its activities and submit to the Central Government under Section 26 of The Delhi Development Act, 1957?**

Ans  A. Monthly  
 B. Quarterly  
 C. Yearly  
 D. Half yearly

Question ID : 1841225020

**Q.14 What is the full form of FAR as per Unified Building Bye Laws of Delhi 2016?**

Ans  A. Floorspace Area Ratio  
 B. Floor Area Ratio  
 C. Floor Area Road  
 D. Footing Area Ratio

Question ID : 1841225012

**Q.15 Explain 'Ground Rent' in relation to plot of land under Delhi Development Authority (Management and Disposal of Housing Estates) Regulations, 1968.**

Ans  A. the annual payment to be made by the lessee of the plot to the Delhi Development Authority as lessor  
 B. the monthly payment to be made by the lessee of the plot to the Delhi Development Authority as lessor  
 C. the quarterly payment to be made by the lessee of the plot to the Delhi Development Authority as lessor  
 D. the annual payment to be made by the tenant of the plot to the Delhi Development Authority

Question ID : 1841225011

**Q.16 When does the building be considered as high rise?**

Ans  A. Any building of 17 m or above  
 B. Any building of 15 m or above  
 C. Any building of 20 m or above  
 D. Any building of 25 m or above

Question ID : 1841225014

**Q.17 What is the validity period for the building permit issued by the Delhi Development Authority under clause 2.20 of Unified Building Bye Laws for Delhi, 2016?**

Ans  A. 5 years from the date of issue of sanction  
 B. 7 years from the date of issue of sanction  
 C. 3 years from the date of issue of sanction  
 D. 10 years from the date of issue of sanction

Question ID : 1841225021

**Q.18 Who can nominate the representative of the Health Services of Delhi Administration in the Advisory Council under The Delhi Development Act, 1957?**

Ans  A. Vice-Chairman of the Advisory Council  
 B. The Central Government  
 C. The State Government  
 D. The President of the Advisory Council

Question ID : 1841225019

**Q.19 Whom shall the Registrar of the Co-operative Farms forward a copy of the order that a co-operative farm consisting of all the land comprised in the uneconomic holdings in the Gaon Sabha Area be established under Section 170(2) of The Delhi Land Reforms Act, 1954?**

Ans  A. Settlement Officer  
 B. The Chief Commissioner  
 C. Tahsildar  
 D. The Deputy Commissioner

Question ID : 1841225018

**Q.20 The Delhi Development Authority shall maintain proper accounts and other relevant records and prepare an annual statement of accounts including the balance-sheet in such form as the Central Government may by rules prescribed in consultation with the \_\_\_\_\_ and \_\_\_\_\_.**

Ans  A. Comptroller, Auditor-General of India  
 B. Advisory Council, Auditor-General of India  
 C. Comptroller, The Central Government  
 D. Comptroller, Secretary

Question ID : 1841225024