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## 160 Questions

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**Que. 1** In which of the following cities of Uttar Pradesh is the Indian Institute of Technology located?

1. Allahabad
2. Bareilly
3. Lucknow
4. Kanpur

Correct Option - 4

**Que. 2** Who gave the idea of mass "Civil Disobedience" movement as a non-violent weapon against the ruling British in India?

1. Jawaharlal Nehru
2. Jamsetji Tata
3. Mohandas Karamchand Gandhi
4. Subhash Chandra Bose

Correct Option - 3

**Que. 3** Bengal was the center of nationalist sentiment in 1905. Which Viceroy of India was responsible for the partition of Bengal?

1. Lord Cornwallis
2. Lord Curzan
3. Lord Wellesley
4. Lord Clive

Correct Option - 2

**Que. 4** The formula for calculating BMI is \_\_\_\_\_.

1.  $\text{Weight (kg)} / (\text{Length})^2 \text{ (meter}^2\text{)}$
2.  $\text{Weight (kg)} \times \text{Height (metres)} / \text{Length (metres)}$
3.  $\text{Weight (kg)} / \text{Length (metres)}$
4.  $\text{Height (meters)} / \text{Weight (kg)}$

Correct Option - 1

**Que. 5** The new name of the reorganized Planning Commission is:

1. "NEETI" Commission
2. "NITHI" Commission
3. "NITI" Commission

4. "NEETHI" Commission

Correct Option - 3

---

**Que. 6** An archipelago of Galapagos Islands lies to the west of?

1. South America
2. New Zealand
3. Australia
4. North America

Correct Option - 1

---

**Que. 7** When bees and butterflies sit on flowers, which process do they directly help in flowering?

1. fertilization
2. atheist activity
3. topic activity
4. pollination

Correct Option - 4

---

**Que. 8** A new car model TIAGO belongs to which company?

1. Tata Motors
2. Mahendra
3. Ashok Leyland
4. Maruti Suzuki

Correct Option - 1

---

**Que. 9** Which is not a social medium?

1. Twitter
2. WhatsApp
3. Facebook
4. Television (TV)

Correct Option - 4

---

**Que. 10** The root of common culture in the 13th century was language, one of the languages of the common people was a mixture of two other languages. She was \_\_\_\_\_.

1. Hindi
2. Hindustani
3. Persian
4. Sanskrit

Correct Option - 2

---

**Que. 11** Which of the following is a commercial or cash crop of India?

1. Millet
2. Cotton
3. Rice
4. Sorghum

Correct Option - 2

---

**Que. 12** What does 'Microsoft' company refer to?

1. Mark Zuckerberg
2. Steve Jobs
3. Azim Premji
4. Bill Gates

Correct Option - 4

---

**Que. 13** Who was the last foreigner to colonize India?

1. Portuguese
2. British
3. French
4. Mughal

Correct Option - 3

---

**Que. 14** When we say that man has destroyed nature's 'carbon sink', then which natural resource do we mean by destroying it?

1. ocean
2. swamp
3. Field
4. forest

Correct Option - 4

---

**Que. 15** Which one of the following cultural programs is not a specialty of Uttar Pradesh?

1. Bihu
2. rasia
3. drama
4. Qawwaali

Correct Option - 1

---

**Que. 16** The oldest Indian literature is the Vedas. The total number of Vedas is \_\_\_\_\_?

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

Correct Option - 1

---

**Que. 17** Who among the following is the founder of Paytm?

1. Bill Gates
2. Chanda Kochhar
3. Vijay Shekhar Sharma
4. Sunder Pichai

Correct Option - 3

---

**Que. 18** Among the indicators of the state of the economy in a country is the CAD (Current Account Deficit), which is a measure of a country's trade in which:

1. The volume of imports of goods and services exceeds the volume of exports.
2. The volume of exports of goods and services exceeds the volume of imports.
3. The quantity of both imports and exports decreases.
4. The quantity of imports of goods and services remains equal to the quantity of exports.

Correct Option - 1

---

**Que. 19** Who among the following Mughals was the founder of their empire?

1. Babar
2. Bahadur Shah
3. Shahjahan
4. Akbar

Correct Option - 1

---

**Que. 20** Which of the following pairs is not matched between the Kumbh Mela festival and its time interval?

1. Ardha Kumbh: Every six years
2. Kumbh Mela: Every second year
3. Aquarius: every twelve years
4. Maha Kumbh: Every 144 years

Correct Option - 2

---

**Que. 21** There are about 18 administrative divisions in Uttar Pradesh. But identify the wrong circle that has been included in the four circles mentioned below.

1. Saharanpur Division
2. Ghaziabad division
3. Chitrakoot division
4. Azamgarh Division

Correct Option - 2

---

**Que. 22** India's population is 1.2 billion out of the world's population. What is the population of the world?

1. 5 billion
2. more than 7 billion
3. 70 lakhs
4. 60 lakhs

Correct Option - 2

---

**Que. 23** Who is at the second level of nutrition in the food chain?  
grass → insect → bird → cat

1. Grass
2. Cat
3. Bird
4. insect

Correct Option - 4

---

**Que. 24** Which one of the following ecosystems is endangered by increasing urbanization?

1. River
2. Island
3. Estuary
4. Mangrove

Correct Option - 3

---

**Que. 25** The PSLV C34 rocket was launched from the Satish Dhawan Space Center in Sriharikota to put 22 satellites into orbit. This has happened for the first time in the history of \_\_\_\_\_.

1. NASA
2. Roskasma
3. ISRO
4. CSA

Correct Option - 3

---

**Que. 26** India holds a highest position in global sourcing of \_\_\_\_\_.

1. Tourism Industry
2. IT and IT technology based services (IT - ITeS)
3. Domestic and International Aviation
4. Wireline and wireless (telecommunications connections)

Correct Option - 2

---

**Que. 27** From where can the Alps Mountains be seen?

1. Paris
2. London
3. Switzerland
4. Rome

Correct Option - 3

---

**Que. 28** Carbohydrate is broken down into glucose. But glucose remains in the blood and is not stored as glycogen due to a hormone deficiency in the disease.

1. Diabetes Insipidus
2. Acromegaly
3. Hypothyroidism
4. Diabetes Mellitus

Correct Option - 4

---

**Que. 29** You will not be able to take your presentation to which of the following.

1. DVD
2. PC
3. CD
4. Pen Drive

Correct Option - 2

---

**Que. 30** With the new government of \_\_\_\_\_ which has Aung San Suu Kyi as the Minister of Foreign Affairs, we are expected to have cordial relations with the country which is the land gateway to Southeast Asia.

1. Bangladesh
2. Sri Lanka
3. Myanmar
4. Nepal



Correct Option - 3

---

**Que. 31** The decision of the present Prime Minister to invite the leaders of SAARC countries to attend the swearing-in ceremony of the new government of India shows that

1. India does not want cross-border migration from its neighbours.
2. India's approach is to maintain good neighbor policy.
3. India wants to start tourism between neighboring countries.
4. India wished to trade with neighboring countries.

Correct Option - 2

---

**Que. 32** As soon as midnight strikes and the world sleeps, India will be waking up to life and moving towards its freedom. Who welcomed India's independence with these words?

1. Swami Vivekanand
2. Motilal Nehru
3. Rabindranath Tagore
4. Jawaharlal Nehru

Correct Option - 4

---

**Que. 33** Where is Iron and Steel Plant (TISCO) located?

1. Bokaro
2. Jamshedpur
3. Bhilai
4. Durgapur

Correct Option - 2

---

**Que. 34** What is the post of Income Tax Commissioner in Uttar Pradesh equivalent to?

1. District Magistrate
2. Additional Secretary
3. Divisional Commissioner or Secretary
4. Upper Secretary

Correct Option - 3

---

**Que. 35** Through which valley does the Narmada River flow?

1. Himalaya and Shivalik Hills
2. Shivalik and Vindhya Hills
3. Vindhya and Satpura Hills
4. Aravalli and Satpura Hills

Correct Option - 3

---

**Que. 36** The unused book remained on the shelf for two years until it was removed. This is an example of what?

1. Newton's third law of motion
2. Newton's first law of motion and Newton's third law of motion in partial form
3. Newton's first law of motion
4. Newton's second law of motion

Correct Option - 3

---

**Que. 37** The two players to reach the finals of the WTA Miami Open 2016 were Djokovic and Nishikori. What sport do they play?

1. Squash
2. Lawn Tennis
3. Table Tennis
4. Badminton

Correct Option - 2

---

**Que. 38** What is the number of police ranges in Uttar Pradesh consisting of 2 - 4 districts each?

1. 18
2. 08
3. 75
4. 73

Correct Option - 1

---

**Que. 39** I had a fall and was put in a gypsum plaster for six weeks to realign a broken bone in my hand. Gypsum is \_\_\_\_\_.

1. Calcium Chloride
2. Calcium Carbonate
3. Calcium Sulfate
4. Calcium Nitrate

Correct Option - 3

---

**Que. 40** For which film the Best Director Award of 2016 was given to Sanjay Leela Bhansali?

1. Tanu weds Manu
2. Bajirao Mastani
3. Piku
4. Bajrangi Bhaijaan

Correct Option - 2

---

**Que. 41** The circumference of a circular plot is 220 metres. What is the area of this circular plot in square metres?

1. 7700 sq meters
2. 1225 sq meters
3. 5775 sq meters
4. 3850 sq meters

Correct Option - 4

---

**Que. 42** **Statement :**

(I) Some students are intelligent.

(II) Ankita is a student.

**Conclusion :**

1. Some students are retarded.
  2. Ankita is intelligent.
- 
1. Only conclusion 1 follows.
  2. Only conclusions 1 and 2 follow.
  3. Only conclusion 2 follows.
  4. No conclusion comes.

Correct Option - 4

---

**Que. 43** The two terms on the left side of the symbol '::' are related to each other in a certain way. Similarly, the pair of terms on the right side of the symbol '::' is also related, out of which one term is missing. Find the missing term from the options.

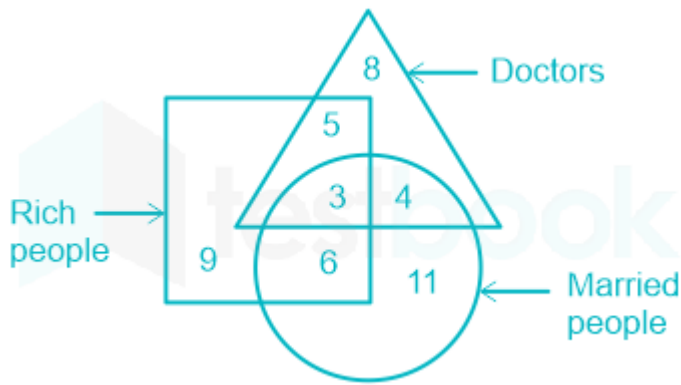
CXVE : DWTG :: AZXC : ?

1. CXVE
2. BYXC
3. BYWE
4. BYVE

Correct Option - 4

---

**Que. 44** In the figure given below, the triangle represents 'doctors', the 'circle' represents married people, and the square represents rich people; The numbers in different parts of the figure indicate the number of persons.



How many married doctors are not rich.

- 1. 4
- 2. 5
- 3. 6
- 4. 3

Correct Option - 1

**Que. 45** Raman's school bus picks him up from his home. It turns right twice and then turns left and reaches the school. If the bus was facing south when it reached the school, then in which direction was it facing after it reached Raman's house?

- 1. East
- 2. South
- 3. West
- 4. North

Correct Option - 1

**Que. 46** You find that a friend whom you trusted for a long time is a self-centered person and has no respect for others. The best decision you can make is:

- 1. Separate yourself from your friend.
- 2. Asking him to change his behavior in order to continue the relationship.
- 3. Sending him for a special training on traditional relations.
- 4. Continuing your relationship and trying to understand your friend's feelings.

Correct Option - 4

**Que. 47** Just as 'Guide' is related to 'Direct', in the same way 'Reduce' is related to what?

- 1. Decrease
- 2. Remove
- 3. Give up
- 4. Put down

Correct Option - 1

**Que. 48** There are 4 departments in class V of a school. The results of half-yearly and annual examinations according to the department are given in the table below.

Department	Number of students			
	Students who failed in both the exams	Students who failed only in half yearly examinations	Students who failed only in annual examinations	Students who passed both the exams
A	8	12	10	20
B	16	10	12	22
C	10	15	20	25
D	10	18	22	30

Which department has the minimum percentage of students passing both the examinations?

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

Correct Option - 1



**Que. 49** Which number will come in place of the question mark to continue the following number series?  
8, 27, 64, 125, ?

- 1. 216
- 2. 343
- 3. 256
- 4. 196

Correct Option - 1

**Que. 50** Which of the following Venn diagrams correctly shows the relationships between the following classes:

Players, Women, Dancers

- 1. 
- 2. 



Correct Option - 4

**Que. 51** If  $769 = 22$  and  $374 = 14$ , then  $856 = ?$

- 1. 28
- 2. 46
- 3. 19
- 4. 9

Correct Option - 3

**Que. 52** If  $8 \times 5$  means  $8 - 5^2$  and  $9 \$ 3$  means  $\sqrt{9} + 3^2$ , then what is the value of  $25 \times 3 \$ 6$ ?

- 1. 34
- 2. 36
- 3. 52
- 4. 40

Correct Option - 4

**Que. 53** Which one number will come in place of both the question marks to correct the following expression?

$$\frac{?}{7} \times \frac{?}{12} = \frac{3}{7}$$

- 1. 6
- 2. 3
- 3. 12
- 4. 9

Correct Option - 1

**Que. 54** If  $H = 8$  and  $HAT = 29$  then find out what will be  $BOX = ?$

- 1. 46
- 2. 43
- 3. 42
- 4. 41

Correct Option - 4

---

**Que. 55** One evening before sunset, Karan was walking towards a building. If the shadow of the building is falling on Karan's left, then in which direction is Karan facing?

1. North
2. East
3. West
4. South

Correct Option - 4

---

**Que. 56** Which number will come in place of the question mark to continue the following alphanumeric series?  
2B9, 4E11, 12I15, ?

1. 36N23
2. 48M21
3. 60M21
4. 48N21

Correct Option - 4

---

**Que. 57** The letters below are marked with numbers. Select the correct sequence of numbers according to which the letters can be arranged to form a meaningful word.

L A T U S E

1 2 3 4 5 6

1. 5, 2, 4, 1, 3, 6
2. 5, 2, 1, 4, 3, 6
3. 3, 2, 1, 5, 4, 6
4. 2, 5, 3, 4, 1, 6

Correct Option - 2

---

**Que. 58** Your neighbor plays loud music which disturbs you. You have brought the problem to his attention. But it did not yield any positive results. What you should do?

1. There should be a direct discussion with him and an amicable solution should be tried.
2. To get rid of noise, you should close all the doors and windows of your house.
3. Music should be played at high volume so that he can realize how disturbing it can be.
4. Complaints should be made to other neighbors about the nature of this neighbor's behavior.

Correct Option - 1

---

**Que. 59** Two words in the word pair given below are related in a certain way. Find the word-pair from the alternatives in which both the words are related in the same way as the original pair of words.

Brain : Thinking :: ?

- 1. Water :Drink
- 2. Stomach: Digest
- 3. Body: Strength
- 4. Blood: Circulate

Correct Option - 2

**Que. 60** Given below are 5 designs/pictures numbered from I to V, out of which 2 are the same. Which two are similar?



- 1. II and V
- 2. II and IV
- 3. I and III
- 4. III and V

Correct Option - 1




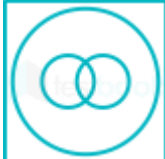
**Que. 61** Which figure is different from the other three given figures?



Correct Option - 3

**Que. 62** Identify the diagram that best shows the relationship between the given classes.  
Animals, Dogs, Pets



1. 
2. 
3. 
4. 

Correct Option - 3

---

**Que. 63** Which of the following options is most similar to the given words?  
Violet, Orange, Blue

1. Rainbow  
2. Magenta  
3. Colour  
4. Yellow

Correct Option - 4

---

**Que. 64** Select one correct number from the given options, which will complete the series.  
5040, 840, 168, ? 14, 7

1. 38  
2. 42  
3. 56  
4. 36

Correct Option - 2

---

**Que. 65** Six friends are sitting in a circle facing the centre. Bharat is on the left of Vinod. Rajesh is between Bharat and Mukesh. Jayant is between Vinod and Narendra. Who is to the left of Mukesh

1. Bharat  
2. Vinod  
3. Rajesh

4. Narendra

Correct Option - 4

---

**Que. 66** From the given alternatives, select the word which cannot be formed using the letters of the given word only once.

TOURNAMENT

1. MENTOR
2. NAME
3. MANNER
4. METER

Correct Option - 4

---

**Que. 67** Which set of numbers is different from the other three?

1. 4, 16, 63
2. 6, 36, 215
3. 11, 121, 1221
4. 8, 64, 511

Correct Option - 3

---

**Que. 68** Just as 'Disgrace' is related to 'Honour', similarly 'Victory' is related to \_\_\_\_\_.

1. Defeat
2. Safety
3. Virtue
4. Success

Correct Option - 1

---

**Que. 69** Decide which argument(s) is/are 'strong' in the context of the given statement.

**Statement :** Should all school teachers be banned from giving private tuition?

**logic :**

- I. Yes, now the salaries of these teachers are reasonable.
- II. No, needy students will be deprived of the expertise of these teachers.
- III. Yes, only then the quality of teaching in schools will improve.

1. Only II and III are strong
2. Only I and II are strong
3. Only III is strong
4. Only II is strong

Correct Option - 4

---

**Que. 70** Select the relevant number from the given options.

9 : 30 :: 23 : ?

1. 74
2. 72
3. 95
4. 89

Correct Option - 2

---

**Que. 71** In the word pair given below, two words are related to each other in a certain way. Find the word-pair from the alternatives in which both the words are related in the same way as the original pair of words.

Water : Thirsty :: ?

1. Paper : Pulp
2. Rain : Drought
3. Read : Write
4. Furniture: Wood

Correct Option - 2

---

**Que. 72** In a special sign language TWELVE is written as SXDMUF. How will ELEVEN be written in the same language?

1. FKFUFO
2. DMDDOW
3. DKDUDM
4. DMDWDO

Correct Option - 4

---

**Que. 73** Aruna is Bhavana's mother; Chander is the son of Aruna, Deepak is the brother of Priya; And Priya is the daughter of Bhavna. How is Deepak related to Aruna?

1. Brother
2. Son
3. Grandson
4. Nephew

Correct Option - 3

---

**Que. 74** Which of the following pairs of words is different from the other three pairs?

1. Doctor: Patient
2. Teacher: Student
3. Lawyer: Client

4. Clerk: Office

Correct Option - 4

---

**Que. 75** In an election,  $\frac{1}{2}$  the voters voted for Amit, half of the remaining voters voted for Bhagat, and now half of the remaining voters voted for Rajesh. 720 voters did not vote. What percentage of the entire list did not vote?

1. 7.5
2. 12.10
3. 8.75
4. 12.5

Correct Option - 4

---

**Que. 76** Assume that the given statements are true, disregarding commonly known facts, and decide which conclusions logically follow from the statements.

**Statement :**

No school is a post office.

All banks are post offices.

All post offices are postmen.

**Conclusion :**

I. No school is a postman.

II. All banks are postmen.

III. Some postman is not school.

IV. No bank is school.

1. Only conclusions II, III and IV follow.
2. All conclusions follow.
3. Then only conclusions I or IV, and III follow.
4. Either only conclusion I or IV follows.

Correct Option - 1

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**Que. 77** 'Disagreement' always indicates \_\_\_\_\_.

1. Partiality
2. Enmity
3. Violence
4. Controversy

Correct Option - 4

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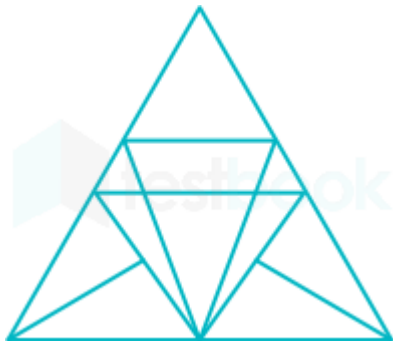
**Que. 78** In the given number sequence, how many '8' are there which are immediately preceded by '6' but not immediately followed by '3'?

4, 1, 5, 6, 8, 7, 5, 6, 2, 8, 5, 3, 6, 8, 3, 5, 6, 8, 1, 5, 3, 6, 8, 4, 9, 6, 8, 2, 6, 8, 7, 8, 3

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

Correct Option - 3

**Que. 79** How many triangles are there in the given figure?



- 1. 10
- 2. 20
- 3. 18
- 4. 21 or more

Correct Option - 4

**Que. 80** To complete the given pattern, select the shape from the options that can be placed in the blank space (without rotation).



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

Correct Option - 2

---

**Que. 81** Which of the following is not a Database management system?

1. MySQL
2. Mongo DB
3. MS- Access
4. Oracle

Correct Option - 2

---

**Que. 82** Which of the following statement is wrong in relation with e-commerce?

1. It is an electronic business in which there is never loss.
2. It's a normal word of selling and buy process, which gets support through electronic media.
3. In this B2C and B2B both transactions are included.
4. It is developed from electronic shopping.

Correct Option - 1

---

**Que. 83** Default subnet mask of class A IP address is \_\_\_\_\_

1. 255.255.0.0
2. 0.0.0.255
3. 255.0.0.0
4. 255.255.255.0

Correct Option - 3

---

**Que. 84** Which of the following shapes is used in figure to represent special decision making features?

1. Diamond (solid line)
2. Oval (symbol line)
3. Oval (solid line)
4. Perpendicular (solid line)

Correct Option - 1

---

**Que. 85** Which of the following option works according to the principle of locality of reference.

1. RAM
2. Cache memory
3. Magnetic Tape
4. ROM

Correct Option - 2

---

**Que. 86** MySQL is \_\_\_\_\_

1. Hierarchical database management system.
2. Object-oriented management system.
3. Quality management system.
4. Relation database management system.

Correct Option - 4

---

**Que. 87** Gray code of decimal number 2 is \_\_\_\_\_

1. 0010
2. 1000
3. 0011
4. 0101

Correct Option - 3

---

**Que. 88** Total number of IP addresses class is:

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

Correct Option - 2

---

**Que. 89** The Boolean function  $f(A, B, C, D)$  of the four impacting objects is the size for simplification is (number of cells).

1. 6
2. 16
3. 4
4. 8

Correct Option - 2

---

**Que. 90** Which of the following option is an example of system software?

1. Antivirus software
2. Oracle
3. MS - Word
4. Operating system

Correct Option - 4

---

**Que. 91** 8<sup>th</sup> Complement of octet number  $(1070)_8$  is..

1.  $(1070)_8$
2.  $(7710)_8$
3.  $(2107)_8$
4.  $(6710)_8$

Correct Option - 4

**Que. 92** In MS-power point, which menu item contains the slide shorter option.

1. Format
2. View
3. Animation
4. Tools

Correct Option - 2

**Que. 93** Address 191.10.10.1 is included in \_\_\_\_\_

1. Class D
2. Class A
3. Class B
4. Class C

Correct Option - 3

**Que. 94** 15<sup>th</sup> complement of Hexadecimal number  $(A10)_{16}$  is:

1.  $(5EF)_{16}$
2.  $(6F0)_{16}$
3.  $(6FF)_{16}$
4.  $(5E0)_{16}$

Correct Option - 1

**Que. 95** Windows operating systems support OLE concept. which stands for:

1. Object Locking and Enhancement
2. Object Linking and Embedding
3. Object Locking and Embedding
4. Object Linking and Enhancemen

Correct Option - 2



**Que. 96** Which of the following option is weak?

1. Employee
2. Dependent
3. Department
4. Student

Correct Option - 2

---

**Que. 97** For any ASCII word UTF-8 used \_\_\_\_\_ byte/es.

1. 8
2. 2
3. 1
4. 4

Correct Option - 3

---

**Que. 98** What can be the maximum size of text font in M-S Word.

1. 512
2. 128
3. 1638
4. 1024

Correct Option - 3

---

**Que. 99** The acronym of ATM is:

1. Automated Teller Machine
2. Automated Transfer Mechanism
3. Automated Transfer Machine
4. Automated Teller Mechanism

Correct Option - 1

---

**Que. 100** Binary equivalent of octel number 705 is :

1. 1110101
2. 1010111
3. 111000101
4. 101000111

Correct Option - 3

---

**Que. 101** Which of the following is a non-weighted code in which when going from one code to other only one bit is changed?

1. Gray
2. Excess-3
3. ASCII
4. BCD

Correct Option - 1

---

**Que. 102** Which of the following option is Multitasking operating system.

1. Windows
2. Unix
3. MS-DOS
4. Mac OS X

Correct Option - 2

---

**Que. 103** Which of the following network topology has more complex structure?

1. BUS
2. Star
3. Mesh
4. Hybrid

Correct Option - 4

---

**Que. 104** In which of the following network topology, the movement of the network is interrupted from adding or removing a computer from network?

1. Ring
2. Star
3. Bus
4. Mesh

Correct Option - 1

---

**Que. 105** The 2's compliment of the binary number 100100 is:

1. 011101
2. 011110
3. 111100
4. 011100

Correct Option - 4

---

**Que. 106** Following model in which consumables define their personal value for products and services by e-commerce are :

1. C2B
2. B2G
3. B2C
4. B2B

Correct Option - 1

---

**Que. 107** For class C IP address, first octet highest state bit is \_\_\_\_\_

1. 101
2. 110
3. 111
4. 100

Correct Option - 2

---

**Que. 108** Which pair of keys are used to enter the present data in the document of the windows version.

1. Alt + Ctrl + d
2. Alt + Shift + d
3. Shift + d
4. Alt + d

Correct Option - 2

---

**Que. 109** Which of the following is the fastest logic family?

1. Emitter-Coupled Logic (ECL)
2. Transistor-Transistor Logic (TTL)
3. Diode-Transistor Logic (DTL)
4. Resistor-Transistor Logic (RTL)

Correct Option - 1

---

**Que. 110** Which of the following option has multivalued characteristics?

1. Age
2. e-mail id
3. Adhaar number
4. Gender

Correct Option - 2

---

**Que. 111** Entity integrity constraint states that:

1. the value of the primary key must be unique in all tuples

2. the value of the primary key can't be null
3. the value of foreign key can't be null
4. a table can't have both primary key and foreign key

Correct Option - 2

---

**Que. 112** Addition of binary number 11011 and 10111 is :

1. 10010
2. 11001
3. 110010
4. 010010

Correct Option - 3

---

**Que. 113** Which of the following statement is wrong in relation with stack?

1. It is a linear data structure.
2. It cannot be implemented through the use of the attached list.
3. It follows the concept of last come, first out service.
4. It can be implemented through a one dimensional array.

Correct Option - 2

---

**Que. 114** Which of the following options is advantage of Mobile computation?

1. Quality of Connectivity
2. Easily translate from one place to another place
3. Use of Electricity
4. Security

Correct Option - 2

---

**Que. 115** Which of the following is used to protect the private network from external attacks.

1. Firewall
2. Concrete wall
3. Encryption
4. Digital signature

Correct Option - 1

---

**Que. 116** Which of the following is an atomic attribute?

1. Date of birth
2. Telephone number
3. Name

4. Age

Correct Option - 4

---

**Que. 117** Deque data structure is also known as:

1. Double Queue
2. Deterministic Queue
3. Equal Queue from either
4. Distributed Queue

Correct Option - 1

---

**Que. 118** Which of the following option has linear data structure?

1. Turnery Tree
2. binary Tree
3. Stack
4. Graph

Correct Option - 3

---

**Que. 119** Number of different binary arrays (an array in which each cell can store either 0 or 1 is called binary array) of order  $n \times n$  is :

1.  $2^{2n}$
2.  $2^{n \times n}$
3.  $n^2$
4.  $2^n$

Correct Option - 2

---

**Que. 120** Which of following option is a DML command of oracle?

1. Alter
2. Create
3. Drop
4. Delete

Correct Option - 4

---

**Que. 121** Size (number of cell) of 0 to 4 row indices and 0 to 5 coloumn indices of Matrix are :

1. 30
2. 9
3. 10
4. 20

Correct Option - 1

---

**Que. 122** Before commit work in DBMS :

1. The changes you made are not visible to you nor to other developers of the database instant.
2. The changes you made are visible to you and to other developers of the database instant.
3. The changes you make are not final, but you can not do it with rollback statement as before.
4. The changes made by you are visible only to you, but not to others users of the database instant.

Correct Option - 4

---

**Que. 123** ARPANET was developed in \_\_\_\_\_

1. 1959
2. 1969
3. 1971
4. 1981

Correct Option - 2

---

**Que. 124** Which of the following option is a example of half-duplex communication device.

1. Radio
2. Telephone
3. Telivision
4. Walkie-talkies

Correct Option - 4

---

**Que. 125** In which items of the menu are used to change the typeface of the document in the following?

1. Format
2. Edit
3. View
4. Tools

Correct Option - 1

---

**Que. 126** Desy-wheel is a type of :

1. Pointing equipment
2. Storage tool
3. Printer
4. Scanner

Correct Option - 3

---

**Que. 127** The value of subtraction of  $(145)_8$  from  $(207)_8$  is:

1.  $(42)_8$
2.  $(602)_8$
3.  $(402)_8$
4.  $(62)_8$

Correct Option - 1

---

**Que. 128** Example of fibre distributed data interconnect (FDDI) is :

1. Token Bus
2. Star topology
3. Mesh Topology
4. Token ring

Correct Option - 4

---

**Que. 129** Which statement is wrong related with flowchart?

1. This is the graphic form of an algorithm.
2. It uses diamond-shaped symbols for the detection of restricted stories.
3. It is a option of Data flow diagram (DFD).
4. It represents the sequence of the algorithm's execution.

Correct Option - 2

---

**Que. 130** which of the following statement is wrong related with mobile computing?

1. It does not include all aspects of wireless communication.
2. It allows to colculate from any location.
3. Mobile software is related to the user's characteristics and need.
4. Mobile Hardware, Mobile equipment or equipment has an affinity, which gives or uses the mobile service.

Correct Option - 4

---

**Que. 131** Which of the following option is a use of Queue?

1. Working of recursive function
2. function calls
3. CPU scheduling
4. Evoluation of mathematical expressions.

Correct Option - 3

---

**Que. 132** Which of the following is a loopback IP address?

1. 127.0.0.1
2. 124.0.0.1
3. 124.0.1.0
4. 125.0.1.0

Correct Option - 1

---

**Que. 133** Length of IPv4 address is \_\_\_\_\_ bits.

1. 64
2. 32
3. 8
4. 16

Correct Option - 2

---

**Que. 134** Unix was developed in \_\_\_\_\_

1. Sun Microsystem
2. Intel
3. At & T Bell labs
4. Microsoft Corporation

Correct Option - 3

---

**Que. 135** Which of the following logic gates shows output 1 when value of input is different?

1. AND
2. XOR
3. NOR
4. XNOR

Correct Option - 2

---

**Que. 136** Which of the following search engine is not Multilingual?

1. Yahoo!
2. Yandex
3. Bing
4. Google

Correct Option - 2

---

**Que. 137** Which of the following is similar to personal cheques, but feasible for very small transactions?



1. Credit card
2. E-cash
3. Debit card
4. Electronic signature

Correct Option - 2

---

**Que. 138** Assuming that the size of the integer is 2 bytes, if the base address of any integer is 100, then the 9th cell will be addressed.

1. 118
2. 900
3. 109
4. 116

Correct Option - 4

---

**Que. 139** What is the following memory device used in personal digital assistant (PDA).

1. Magnetic tape
2. DVD
3. Memory stick
4. Hard disk

Correct Option - 3

---

**Que. 140** According to demorgan theorem :

1. A NAND gate is equal to negative AND (invert AND) gate.
2. A NAND gate is equal to NOR gate.
3. A NOR gate is equal to negative AND (invert AND) gate.
4. NOR gate is equal to negative OR (invert OR) gate.

Correct Option - 1

---

**Que. 141** Which of the following register is used to store the address of next execution Instruction.

1. Accumulator
2. Instruction register
3. Index Register
4. Program counter

Correct Option - 4

---

**Que. 142** Total different symbols used in hexadecimal number system are \_\_\_\_\_

1. 8

2. 4
3. 16
4. 2

Correct Option - 3

---

**Que. 143** If the following operations are done on a stack, then what will be the sequence of institutions?  
push(4). push(9). pop (). push (5) . pop (). pop ()

1. 9, 5, 4
2. 4, 9, 5
3. 4, 5, 9
4. 5, 9, 4

Correct Option - 1

---

**Que. 144** Flipkart comes under the category of:

1. B2G
2. C2C
3. B2C
4. B2B

Correct Option - 3

---

**Que. 145** The Excess-3 code of decimal 2 is :

1. 1010
2. 1100
3. 0101
4. 0011

Correct Option - 3

---

**Que. 146** Which of the following HTML tags is used to insert images in web documents?

1. src
2. picture
3. image
4. img

Correct Option - 4

---

**Que. 147** Slide show can be stopped while pressing any key in power-point is :

1. Esc
2. Alt

3. Enter
4. Ctrl

Correct Option - 1

---

**Que. 148** If the following operations are done on Queue, then what will be the sequence of institutions?  
push(2). push(5). pop(). pop(). push(8). push(6). pop(). pop()

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

Correct Option - 4

---

**Que. 149** For find the work of NAND gate (or transformation of circuit of NAND gate), how many minimum number of NOR gate is needed?

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

Correct Option - 4

---

**Que. 150** Which of the following operating system being active on top of MS-DOS, supports 16 - bit and 32 - bit preemptive and cooperating multitasking?

1. Windows XP
2. Windows 95
3. Windows 7
4. Windows 10

Correct Option - 2

---

**Que. 151** Recording surface of harddisk is divided into concentric circle, which is known as \_\_\_\_\_

1. Cylinder
2. Track
3. Drum
4. Sector

Correct Option - 2

---

**Que. 152** Which of the following is not true about green computing?

1. This is a significant use of computers and related resources from the environment.

2. It includes the implementation of energy conservation equipment.
3. This gathering is an emerging technology to make devices powerful and reliable.
4. It is also called green technology.

Correct Option - 4

---

**Que. 153** Which of the following data retrieval policy is followed by the stack?

1. non-sequence
2. last come, first out
3. first come, first out
4. last come, last out

Correct Option - 2

---

**Que. 154** Main function of web browser is :

1. Compress HTML code
2. D-compile code
3. Interpret HTML code
4. Compile HTML code

Correct Option - 3

---

**Que. 155** Which of the following option is not need of embedded system?

1. Capable use of resources
2. Reliability
3. Low consumption of electricity
4. Large in size

Correct Option - 4

---

**Que. 156** Which logic gates are needed to make half adder.

1. AND gate and NOT gate
2. AND gate and OR gate
3. XOR gate and OR gate
4. XOR gate and AND gate

Correct Option - 4

---

**Que. 157** Quikar India Pvt. Ltd. is included in the class \_\_\_\_\_

1. C2C
2. B2C
3. B2G

4. B2B

Correct Option - 1

---

**Que. 158** Three-tier structure of DBMS in ANSI-SPARC, extended SPARC is \_\_\_\_\_

1. System planning and requirement committee
2. Standard planning and requirement committee
3. System planning and Reassessment committee
4. System planning and review committee.

Correct Option - 2

---

**Que. 159** The equivalent Boolean expression of  $AB' + AB + A'B$  is :

1.  $A' + B$
2.  $AB$
3.  $A - B$
4.  $A + B$

Correct Option - 4

---

**Que. 160** Vacuum tubes were replaced by transistors in:

1. fourth generation computers
2. first generation computers
3. second generation computers
4. third generation computers

Correct Option - 3

