

CUET PG

Previous Year Question



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Read the following paragraph carefully and answer the questions that follows:

"My God, it speaks" uttered the Emperor of Brazil and the receiver of the Telephone slipped from his hand and banged aground. At the other end, Alexander Graham Bell was still on line. This incident goes back to 1876 when at an exhibition in Philadelphia (USA), Alexander Graham Bell was giving a demonstration of his new invention. This strange instrument known as Telephone was to revolutionize life in the years to come. Bell was born at Edenborough, Scotland. He was a teacher and was dedicated to the noble cause of teaching the deaf and the dumb. Due to a severe illness, Bell was sent to Canada in 1870, where too he got engaged in helping the dumb-deaf to hear and speak. Thereafter, he shifted to the USA but continued with his work by opening a school for deaf and dumb. Bell was fond of scientific inventions and was ever engaged in making some machines in his spare time. While at Boston, he tried to communicate through metal wire. His companion in this work was Watson. One day while experimenting with his instrument, Bell spoke to Watson standing at a distance. Watson was taken by a pleasant surprise as he had heard Bell clearly through his instrument. The instrument was a success and Bell patented it.

Graham Bell had some sterling qualities of head and heart. Apart from being an artist, he was a kind human being, ready to help the needy. He established an institution for the deaf and dumb children. He died in 1922 in Canada. The entire northern America paid him a tribute by hanging up their telephones for a while during his funeral.

Q1. What according to the paragraph was the contribution of invention of telephone?

- (a) Interaction between two persons at some distance was possible.
- (b) Rich people were able to communicate with others.
- (c) Graham Bell could converse with Watson regarding invention through telephone.
- (d) It revolutionized human life.

Q2. Graham Bell made the telephone call of his invention to the Emperor from the city of:

- (a) Edinborough
- (b) Philadelphia
- (c) Brazil
- (d) Boston

Q3. The teaching activity undertaken by Bell was considered 'noble' particularly because :

- (a) He was teaching the physically underprivileged persons.
- (b) There was nobody else in the field of education.
- (c) He was not accepting any salary for that job.
- (d) He was a very famous scientist of his times.

Q4. Which of the following made Bell to invent telephone?

- (a) His activity of teaching
- (b) His service to the deaf and dumb
- (c) His keen interest in scientific inventions
- (d) Encouragement received from Watson

Q5. Bell had gone to Canada in 1870 for

- (a) treating a patient who was seriously ill.
- (b) helping the deaf and dumb children to hear and speak.
- (c) undergoing medical treatment for himself.
- (d) devoting his full time to his invention.

Q6. $83+238+17-64 = ?$

- (a) 31
- (b) 33
- (c) 35
- (d) 36

Q7. 'To develop the scientific temper, humanism and the spirit of inquiry and reform;' the above is mandated in Indians constitution as :

- (a) Fundamental Rights
- (b) Fundamental Duties
- (c) Services under the Union and the states
- (d) Directive Principles

Q8. Given below are two statements: one is labelled as Assertion (A) and the other is labelled as Reason (R).

Assertion (A) : All metals are good conductors of electricity.

Reason (R). Metals contain free electrons that allow electric current to pass.

In the light of the above statements, choose the most appropriate answer from the options given below:

- (a) Both (A) and (R) are correct and (R) is the correct explanation of (A)
- (b) Both (A) and (R) are correct but (R) is not the correct explanation of (A)
- (c) (A) is correct but (R) is not correct
- (d) (A) is not correct but (R) is correct

Q9. Given below are two statements : one is labelled as Assertion (A) and the other is labelled as Reason (R).

Assertion (A) : Population of a city increases by 10% every year. If its present population is 2 Lacs, its population after 3 years will be 2,66,200.

Reason (R) : If population of a city is P and it increases by R% annually, then population after n year is $p(1 + R/100)^n$

In the light of the above statements, choose the most appropriate answer from the options given below :

- (a) Both (A) and (R) are correct and (R) is the correct explanation of (A)
- (b) Both (A) and (R) are correct but (R) is not the correct explanation of (A)
- (c) (A) is correct but (R) is not correct
- (d) (A) is not correct but (R) is correct

Q10. 01 Petabyte (PB) is equal to:

- (a) 2^{40} Bytes
- (b) 2^{50} Bytes
- (c) 2^{30} Bytes
- (d) 2^{45} Bytes

Q11. A man deposits Rupees 5000/- in Bank 'A' at the simple interest rate of 5% per annum. On the same day, he deposits same amount in another Bank 'B' at the compound interest rate of 5% per annum. What amounts he will receive from the two banks on the maturity, after three years ?

- (a) 15750 and 15788 respectively
- (b) 5750 and 6750 respectively
- (c) 5750 and 5788 respectively
- (d) 5788 and 6788 respectively

Q12. What number will come in place of question mark to complete the pattern ?

- (a) 9
- (b) 23
- (c) 44
- (d) 56

Q13. If # stands for 'husband of', @ stands for 'sister of', \$ stands for 'son of' then in $P@Q\$R\#S$ expression, how P is related to S ?

- (a) Daughter
- (b) Mother
- (c) Granddaughter
- (d) Grandmother

Q14. Which of the following statements are true ? (DROPPED)

- A. Set $A = \{x : x \in \mathbb{R} \text{ and } 2 < x < 3\}$ is a null set.
- B. Set $A = \{x : x \in \mathbb{R} \text{ and } 2 < x < 4\}$ is a singleton set.
- C. Set $A = \{x : x \in \mathbb{R} \text{ and } 1 < x < 9\}$ is an infinite set.
- D. Set $A = \{x : x \in \mathbb{R} \text{ and } 1 < x < 9\}$ is a finite set.
- E. Set $A = \{a, b, c, d, e\}$ and $B = \{c, d, a, e, b\}$ are equal sets.

Choose the correct answer from the options given below :

- (a) A and C only
- (b) B and D only

- (c) D and C only
- (d) B and E only

Q15. Arrange the following words in logical and meaningful order.

- A. Mammals
- B. Vertebrates
- C. Cat
- D. Animal
- E. Feline

Choose the correct answer from the options given below :

- (a) B, E, D, A, C
- (b) D, B, A, E, C
- (c) A, E, B, D, C
- (d) C, B, D, E, A

Q16. A Couple started to their offices in the morning from their home. While husband drives 3 km South and then 2 km to his right to reach his office, wife goes 2 km towards East for her office. With respect to husband's office, how far and in which direction is the wife's office ?

- (a) 5 km, North-east
- (b) 7 km, South
- (c) 5 km, North-west
- (d) 7 km, West

Q17. Which of the following are examples of web Browsers ?

- A. Mozilla Firefox
- B. Google chrome
- C. Microsoft Bing
- D. Apple Safari
- E. Opera

Choose the correct answer from the options given below :

- (a) C, D and E only
- (b) B, C and E only
- (c) A, B and D only
- (d) A, B, D and E only

Q18. Match List - I with List - II :

List – I	List - II
(Word)	(Appropriate meaning)
A. Chivalrous	I. Perpetual
B. Eternal	II. Sleeping
C. Dormant	III. Gallant
D. Irreverence	IV. Disrespect

Choose the correct answer from the options given below:

- (a) A-II, B-IV, C-I, D-III
- (b) A-IV, B-III, C-II, D-I
- (c) A-III, B-I, C-II, D-IV
- (d) A-I, B-II, C-IV, D-III

Q19. A sports shop earns profit equivalent to cost price of 4 cricket bats on selling of 20 cricket bats. Calculate its percentage.

- (a) 20%
- (b) 22%
- (c) 25%
- (d) 30%

Q20. Which of the following is not an example of an input device ?

- (a) Trackball
- (b) Light Pen
- (c) Scanner

(d) Plotter

Q21. CAT : 24 :: RAT : 39 :: _____ ?

Which of the following can replace the question mark in above analogy ?

- A. MAT : 29
- B. COW : 41
- C. AGO : 23
- D. BAT : 23
- E. MEN : 34

Choose the correct answer from the options given below :

- (a) A and D only
- (b) A, C, E only
- (c) B, C, D only
- (d) C, D, E only

Q22. Given below are two statements : one is labelled as Assertion (A) and the other is labelled as Reason (R).

Assertion (A) : Since last five years the Government of India is spending six percent of GDP on education.

Reason (R) The NEP 2020 reiterates Kothari Commission's recommendation to spend six percent of GDP on education.

In the light of the above statements, choose the most appropriate answer from the options given below :

- (a) Both (A) and (R) are correct and (R) is the correct explanation of (A)
- (b) Both (A) and (R) are correct but (R) is not the correct explanation of (A)
- (c) (A) is correct but (R) is not correct
- (d) (A) is not correct but (R) is correct

Q23. Match List - I with List - II.

List – I

List - II

(Theorists)	(Discipline)
A. August Comte	I. Chemistry
B. Charles Darwin	II. Philosophy
C. Bertrand Russell	III. Biology
D. Rutherford	IV. Sociology

Choose the correct answer from the options given below :

- (a) A-III, B-IV, C-I, D-II
- (b) A-IV, B-III, C-II, D-I
- (c) A-IV, B-III, C-I, D-II
- (d) A-I, B-IV, C-III, D-II

Q.24 Match List - I with List - II.

List – I List - II

- | | |
|------------------|--|
| A. Modem | I. An analog device that regenerate the signals on the cables to which it is connected. |
| B. Ethernet card | II. A device used for conversion between electric signals and digital bits. |
| C. Repeater | III. A network device that can receive the data, analyse it and transmit it to other networks. |
| D. Router | IV. A network adaptor used to set up a wired network. |

Choose the correct answer from the options given below :

- (a) A-II, B-IV, C-I, D-III
- (b) A-II, B-IV, C-III, D-I
- (c) A-IV, B-II, C-III, D-I
- (d) A-III, B-I, C-IV, D-II

Q25. Arrange the following operations of control unit of a CPU in the order of their execution.

- A. Decode
- B. Fetch

C. Write Back

D. Execute

Choose the correct answer from the options given below :

- (a) A, B, D, C
- (b) A, D, C, B
- (c) B, A, C, D
- (d) B, A, D, C

Q26. Internet is an example of :

- (a) Personal Area Network
- (b) Local Area Network
- (c) Metropolitan Area Network
- (d) Wide Area Network

Q27. Match List - I with List - II.

List - I List - II

- | | |
|----------------|---|
| A. Compiler | I. Translate one line of the source code at a time and executes the translated instruction. |
| B. Interpreter | II. A Program that is responsible for transferring the executable file from the secondary storage to memory. |
| C. Linker | III. A translation program that translates the program written in a high level language to machine language. |
| D. Loader | IV. A program that combines the object of the program with the object codes of the library and user defined functions, in the desired manner, and writes the same in a separate program file with extension usually, .exe under windows OS. |

Choose the correct answer from the options given below :

- (a) A-IV, B-I, C-III, D-II
- (b) A-III, B-I, C-IV, D-II
- (c) A-I, B-III, C-IV, D-II
- (d) A-III, B-IV, C-I, D-II

Q28. Arrange the following events in chronological order.

- A. Jalianwala Bagh Massacre
- B. Quit India Movement
- C. Call for Purna Swaraj
- D. Dandi Yatra
- E. Capital Punishment to Bhagat Singh, Rajguru and Sukhdev

Choose the correct answer from the options given below :

- (a) A, C, D, E, B
- (b) A, D, E, C, B
- (c) C, D, E, B, A
- (d) C, A, B, D, E

Q29. Consider the correct option to complete the following figural series.

- (a) (b)
- (c) (d)

Q30. Which of the following solutions are correct ?

- A. Area of a right triangle with perpendicular and base of 7 and 10 cms respectively is 35 cm²
- B. Area of a square with a side measuring 12 cm is 140 cm²
- C. Area of a rectangle with sides 11 cm and 70 cm is 770 cm²
- D. Area of circle with diameter 28 cm is 606 cm²
- E. Area of a circle with radius 7 cm is 154 cm²

Choose the correct answer from the options given below :

- (a) B, C and D only
- (b) B, D and E only
- (c) A, D and E only
- (d) A, C and E only

Q31. The sodium metal is represented by 'Na' Its atomic number is :

- (a) 12
- (b) 11
- (c) 14
- (d) 13

Q32. Choose the appropriate word which best expresses the sentence:

‘A process in which cells from diseased organs are removed and tested’

- (a) Biopsy
- (b) Autopsy
- (c) Operation
- (d) Amputation

Q33. Match List - I with List - II

List – I	List - II
(Word)	(mirror image)
A. TOPS	I. 2TO9
B. POTS	II. TOP2
C. STOP	III. 9OT2
D. SPOT	IV. 29OT

Choose the correct answer from the options given below :

- (a) A-IV, B-I, C-III, D-II
- (b) A-IV, B-III, C-II, D-I
- (c) A-III, B-IV, C-I, D-II
- (d) A-III, B-II, C-IV, D-I

Q34. Choose the word opposite in meaning to the given word :

‘Intimidating’

- (a) Authoritative
- (b) Casual
- (c) Non-serious

(d) Friendly

Q35. Given below are two statements: one is labelled as Assertion (A) and the other is labelled as Reason (R).

Assertion (A): The angle between the two arms of a watch when the time is 3.10 pm, will be 35°

Reason (R): When the hour arm of the watch is ahead of the minute arm, then angle between the two arms at the time t hour and x minute is $[30(t - x/5) + x/2]$

In the light of the above statements, choose the most appropriate answer from the options given below :

- (a) Both (A) and (R) are correct and (R) is the correct explanation of (A)
- (b) Both (A) and (R) are correct but (R) is not the correct explanation of (A)
- (c) (A) is correct but (R) is not correct
- (d) (A) is not correct but (R) is correct

Q36. Given below are two statements : one is labelled as Assertion (A) and the other is labelled as Reason (R).

Assertion (A) : A Read only memory (ROM) does not lose its data after restarting the computer system.

Reason (R) A non-volatile storage unit loses data stored in it in case of power off or interruption of Power.

In the light of the above statements, choose the most appropriate answer from the options given below :

- (a) Both (A) and (R) are correct and (R) is the correct explanation of (A)
- (b) Both (A) and (R) are correct but (R) is not the correct explanation of (A)
- (c) (A) is correct but (R) is not correct
- (d) (A) is not correct but (R) is correct

Q37. Choose the alternative which best expresses the meaning of the idiom/phrase :

'To flog a dead horse'

- (a) to whip a dead horse

- (b) attempt to do the possible
- (c) waste one's efforts
- (d) to take advantage of a weakness

Q38. Choose the one which best expresses the meaning of the given word.

Panacea'

- (a) Flatter
- (b) Praise
- (c) Inactivity
- (d) Cure-all

Q39. The Full form of URL is :

- (a) Universal Resource locator
- (b) Uniform Resource locator
- (c) Universal Record link
- (d) Uniform Reference link

Q40. Yuyutsu, a famous character of righteousness in the epic Mahabharata, was a :

- (a) Pandav
- (b) Panchal
- (c) Kaurav
- (d) Gandharv

Q41. Match List - I with List - II.

List – I	List - II
(Books)	(Authors)
A. Discovery of India	I. Mahatma Gandhi
B. India wins freedom	II. Bhagat Singh
C. An experiment with truth	III. Jawaharlal Nehru
D. Why I am an Atheist	IV. Maulana Abul Kalam Azad

Choose the correct answer from the options given below :

- (a) A-III, B-IV, C-II, D-I
- (b) A-IV, B-III, C-I, D-II
- (c) A-III, B-IV, C-I, D-II
- (d) A-II, B-I, C-III, D-IV

Q42. Rearrange the following sentences into a logical and meaningful paragraph:

- A. People have always been fascinated by dreams.
- B. In fact, only recently have there been serious studies to find out how many of us actually have nightmares.
- C. Now that is changing.
- D. But the study of nightmares has been curiously neglected.
- E. While results so far are inconclusive, it seems fair to say that at least half the population has occasional nightmares.

Choose the correct answer from the options given below :

- (a) B, A, E, C, D
- (b) A, D, C, B, E
- (c) C, E, D, A, B
- (d) E, A, B, D, C

Q43. Match List - I with List - II.

List – I	List – II
(Word)	(Antonym)
A. Potent	I. Temporary
B. Meagre	II. Hidden
C. Chronic	III. Weak
D. Evident	IV. Surplus

Choose the correct answer from the options given below :

- (a) A-II, B-III, C-IV, D-I
- (b) A-I, B-II, C-III, D-IV

- (c) A-IV, B-I, C-II, D-III
- (d) A-III, B-IV, C-I, D-II

Q44. Arrange these ratios in ascending order :

- A. 1:3
- B. 1:4
- C. 2:7
- D. 3:5
- E. 5:8

Choose the correct answer from the options given below :

- (a) $B < A < C < E < D$
- (b) $C < A < D < B < E$
- (c) $B < C < A < D < E$
- (d) $E < B < A < D < C$

Q45. Given below are two statements : one is labelled as Assertion (A) and the other is labelled as Reason (R).

Assertion (A) : A virus is a piece of software code created to perform malicious activities and hamper resources of a computer system.

Reason (R) Some of the well known viruses include crypto locker, ILOVEYOU, My Doom, Slammer etc.

In the light of the above statements, choose the most appropriate answer from the options given below :

- (a) Both (A) and (R) are correct and (R) is the correct explanation of (A)
- (b) Both (A) and (R) are correct but (R) is not the correct explanation of (A)
- (c) (A) is correct but (R) is not correct
- (d) (A) is not correct but (R) is correct

Q46. Select the CORRECT statements:

- A. Nalanda was a Buddhist center of learning

- B. Chanakya was a student and later teacher at Nalanda
- C. Takshashila was a Brahminical center of learning
- D. Nalanda was at the banks of Narmada
- E. Takshashila was in Nepal

Choose the correct answer from the options given below :

- (a) E, A and D only
- (b) B and D only
- (c) A and C only
- (d) E, B and C only

Q47. Two trains cross each other in 15 seconds when they are approaching each other from opposite directions whereas they cross each other in 45 seconds when they are moving in same direction.

Calculate their possible speeds.

- (a) 20, 45, mtrs/sec
- (b) 15, 45, mtrs/sec
- (c) 30, 60, mtrs/sec
- (d) 30, 50, mtrs/sec

Q48. Match List - I with List - II.

List – I

List – II

- | | |
|-------------|--|
| A. Trojan | I. A network security system designed to protect a trusted private network from unauthorized access or traffic originating from an untrusted external network. |
| B. Cookie | II. Records and sends the collected information to an external entity without the consent or knowledge of a user. |
| C. Spyware | III. A small file or data packet, which is stored by a website on the client's computer. |
| D. Firewall | IV. A malware that looks like a legitimate software and once it tricks a user into installing it, it acts pretty much like a virus or worm. |

Choose the correct answer from the options given below :

- (a) A-III, B-II, C-IV, D-I
- (b) A-IV, B-III, C-II, D-I
- (c) A-IV, B-II, C-III, D-I
- (d) A-IV, B-II, C-I, D-III

Q49. Which of the following states have not accepted NEP 2020 and have set up commission to formulate their own State Education Policy ?

- (a) Himachal Pradesh and Punjab
- (b) West Bengal and Kerala
- (c) Jammu and Kashmir and Laddakh
- (d) Karnataka and Tamil Nadu

Q50. Arrange the following in chronological order :

- A. Banks get nationalised
- B. Lal Bahadur Shastri becomes Prime Minister
- C. India does first nuclear test
- D. India hosts Asiad with APPU as icon
- E. Manmohan Singh becomes Finance Minister

Choose the correct answer from the options given below :

- (a) D, C, B, E, A
- (b) B, A, C, D, E
- (c) E, B, C, D, A
- (d) B, D, A, C, E

Q51. Given below are two statements : one is labelled as Assertion (A) and the other is labelled as Reason (R).

Assertion (A) : 'Vande Mataram' was first sung in the Indian National Congress Session in 1896.

Reason (R) : Vande Mataram was included in the book Anandmath written by Swami Vivekanand.

In the light of the above statements, choose the most appropriate answer from the options given below :

- (a) Both (A) and (R) are correct and (R) is the correct explanation of (A)
- (b) Both (A) and (R) are correct but (R) is not the correct explanation of (A)
- (c) (A) is correct but (R) is not correct
- (d) (A) is not correct but (R) is correct

Q52. Given below are two statements : one is labelled as Assertion (A) and the other is labelled as Reason (R).

Assertion (A) : Sprinkling Kerosene on still water surface helps in treatment of malaria.

Reason (R) : Kerosene is poisonous to mosquitoes.

In the light of the above statements, choose the most appropriate answer from the options given below :

- (a) Both (A) and (R) are correct and (R) is the correct explanation of (A)
- (b) Both (A) and (R) are correct but (R) is not the correct explanation of (A)
- (c) (A) is correct but (R) is not correct
- (d) (A) is not correct but (R) is correct

Q53. The shortcut keys used for cut and undo operations in MS word are :

- (a) Ctrl +C, Ctrl +Z
- (b) Ctrl +X, Ctrl +K
- (c) Ctrl+ X, Ctrl+ Z
- (d) Ctrl +V, Ctrl +P

Q54. Find the missing number in the following series :

4, 4, 6, 12, ____? ____ 90, 315

- (a) 24
- (b) 26
- (c) 30
- (d) 32

Q55. P, Q, R, S and T are standing together in a row of 33 persons facing North. P is to the right of Q and third to the left of R. S is to the right of T. If S is 15th person from East end, what is the position of Q from West end ?

- (a) 16th
- (b) 17th
- (c) 18th
- (d) 19th

Q56. Given below are two statements : one is labelled as Assertion (A) and the other is labelled as Reason (R).

Assertion (A) : Indian English literature began long before India's independence.

Reason (R) : Before 1947, there were no Indian writer in English.

In the light of the above statements, choose the most appropriate answer from the options given below:

- (a) Both (A) and (R) are correct and (R) is the correct explanation of (A)
- (b) Both (A) and (R) are correct but (R) is not the correct explanation of (A)
- (c) (A) is correct but (R) is not correct
- (d) (A) is not correct but (R) is correct

Q57. Match List - I with List - II, If 'WONDER' is coded as 'PESVMD' and 'MUSCLE' is coded as 'VDFLRK'.

List – I	List - II
(word)	(code)
A. SUMMER	I. BUSLRD
B. MASTER	II. VNSRLD
C. STRONG	III. BQSMFT
D. NAGPUR	IV. UPHRQM

Choose the correct answer from the options given below :

- (a) A-IV, B-III, C-II, D-I
- (b) A-III, B-IV, C-I, D-II
- (c) A-I, B-II, C-III, D-IV

(d) A-II, B-I, C-IV, D-III

Q58. Given below are two statements : one is labelled as Assertion (A) and the other is labelled as Reason (R).

Assertion (A) : Leaf of a plant are green in colour.

Reason (R) : Leaf consist of a green pigment called Chloroplast.

In the light of the above statements, choose the most appropriate answer from the options given below :

- (a) Both (A) and (R) are correct and (R) is the correct explanation of (A)
- (b) Both (A) and (R) are correct but (R) is not the correct explanation of (A)
- (c) (A) is correct but (R) is not correct
- (d) (A) is not correct but (R) is correct

Q59. Which of the following memory has the fastest access time

- (a) Main memory
- (b) CPU Registers
- (c) Cache Memory
- (d) Secondary Memory

Q60. Given below are two statements : one is labelled as Assertion (A) and the other is labelled as Reason (R).

Assertion (A) : Postcolonial literature questions colonial power structures.

Reason (R) : It highlights issues of identity, cultural conflict and resistance.

In the light of the above statements, choose the most appropriate answer from the options given below :

- (a) Both (A) and (R) are correct and (R) is the correct explanation of (A)
- (b) Both (A) and (R) are correct but (R) is not the correct explanation of (A)
- (c) (A) is correct but (R) is not correct
- (d) (A) is not correct but (R) is correct

Q61. (Left) S7@ P B 6 # ! 4 Q\$ ATK B 8 M (Right)

The following combinations are given based on the position of element in the above sequence. Which of them follow the same pattern ?

- A. AK4
- B. QA!
- C. β MT
- D. #4P
- E. 6!@

Choose the correct answer from the options given below :

- (a) A, C, E only
- (b) A, D, E only
- (c) B, C, D only
- (d) C, E only

Q62. Match List - I with List - II.

List – I List – II

- | | |
|--------------------------|---|
| A. Equilateral Triangle | I. A triangle with angle $A=70^\circ$, angle $B=60^\circ$ and angle $C=50^\circ$ |
| B. Isosceles Triangle | II. One angle of the triangle is 130° |
| C. Acute Angle Triangle | III. A triangle with each side being 5 cm |
| D. Obtuse Angle Triangle | IV. A triangle with sides 4 cm, 6 cm and 6 cm |

Choose the correct answer from the options given below :

- (a) A-II, B-III, C-IV, D-I
- (b) A-I, B-II, C-III, D-IV
- (c) A-IV, B-I, C-II, D-III
- (d) A-III, B-IV, C-I, D-II

Q63. The radius of a pipe is reduced by one fourth. If its volume remains unchanged, what will be its length now ?

- (a) 3 times the original length
- (b) Will remain unchanged
- (c) 9 times the original length

(d) 16 times the original length

Q64. In an year, a man spends on an average rupees 3500/- per month between January to July and he spends rupees 3800/- per month between August to December. If he saves rupees 9000/- in that whole year, his monthly salary is :

- (a) ₹ 4200
- (b) ₹ 4250
- (c) ₹ 4325
- (d) ₹ 4375

Q65. Match List - I with List - II.

List – I

LIST II

- | | |
|-------------------|---|
| A. Obtuse Angle | I. 180° |
| B. Straight Angle | II. 360° |
| C. Reflex Angle | III. Angle between 90° and 180° |
| D. Complete Angle | IV. Angle between 180° and 360° |

Choose the correct answer from the options given below :

- (a) A-IV, B-III, C-II, D-I
- (b) A-III, B-I, C-IV, D-II
- (c) A-II, B-IV, C-I, D-III
- (d) A-I, B-II, C-III, D-IV

Q66. "Prohibition of discrimination on the grounds of religion, race, caste, sex or place of birth-(1) The State shall not discriminate against any citizen_____ "The above is mandated in our constitution, under :

- (a) Article 15
- (b) Article 21 A
- (c) Article 19
- (d) Article 35

Q67. The HCF and LCM of two numbers are 12 and 360. If the numbers differ by 12, their sum will be :

- (a) 132
- (b) 348
- (c) 86
- (d) 246

Q68. PM-SHRI is a scheme launched by the government of India, it is for :

- (a) Single or Divorced men
- (b) Upgradation of Self Help Rural Institutions
- (c) Men harassed by false dowry cases
- (d) Upgradation of some schools as model schools

Q69. Arrange the following computers in the decreasing order of their cost, speed and size.

- A. Mini computers
- B. Super computers
- C. Mainframe computers
- D. Micro computers

Choose the correct answer from the options given below :

- (a) C, B, A, D
- (b) B, C, D, A
- (c) B, C, A, D
- (d) C, B, D, A

Q70. Arrange the following words in logical and meaningful order.

- A. Salary
- B. Education
- C. Recruitment
- D. School

E. Employment

Choose the correct answer from the options given below :

- (a) B, D, E, C, A
- (b) D, C, B, A, E
- (c) D, B, C, E, A
- (d) A, E, B, C, D

Q71. Which of the following are true about operating system ?

- A. It acts as an interface between the user and the computer system
- B. It makes a computer system easier to use
- C. It does not manage the resources of a computer system
- D. It is a type of application software
- E. Some example of operating system are Linux, MS DOS, Microsoft Windows, and Solaris

Choose the correct answer from the options given below :

- (a) A, B and D only
- (b) A, B and E only
- (c) A, B, D and E only
- (d) B, C and E only

Q72. Kanchenjunga, the highest mountain peak of India belongs to :

- (a) The Greater Himalayas Ranges
- (b) The Middle Himalayas Ranges
- (c) The Great Pir Panjal Ranges
- (d) The Mount Kailash Ranges

Q73. Assume the given statement to be true, decide which of the given conclusions definitely true ?

Statements:- $M > X$, $P < B$, $B = M$, $X > Q$

Conclusions : (I) $M \geq Q$ (II) $B > Q$ (III) $P = Q$

Choose the correct answer from the options below :

- (a) Only Conclusion (III) is true
- (b) Only Conclusion (II) is true
- (c) Only Conclusion (I) and (III) are true
- (d) Only Conclusion (II) and (III) are true

Q74. Arrange the following proportions in descending order :

- A. $\frac{3}{13}$
- B. $\frac{4}{17}$
- C. $\frac{5}{19}$
- D. $\frac{7}{15}$
- E. $\frac{2}{5}$

Choose the correct answer from the options given below :

- (a) D, E, C, B, A
- (b) E, B, A, C, D
- (c) B, A, D, E, C
- (d) C, B, E, D, A

Q75. Select the CORRECT matches of states and their capitals.

- A. Arunachal Pradesh - Aizwal
- B. Tripura - Itanagar
- C. Mizoram - Shillong
- D. Meghalaya - Shillong
- E. Nagaland – Kohima

Choose the correct answer from the options given below :

- (a) A and B only
- (b) C, D and E only
- (c) A, B and D only
- (d) D and E only

ANSWER KEY

Q. No.	Answer	Q. No.	Answer	Q. No.	Answer
1	D	26	D	51	C
2	B	27	B	52	D
3	A	28	A	53	C
4	C	29	B	54	C
5	C	30	D	55	A
6	B	31	B	56	C
7	B	32	A	57	D
8	D	33	A	58	C
9	A	34	D	59	B
10	B	35	A	60	A
11	C	36	C	61	B
12	C	37	C	62	D
13	A	38	D	63	D
14	DROPPED	39	B	64	D
15	B	40	C	65	B
16	A	41	C	66	A
17	D	42	B	67	A
18	C	43	D	68	D
19	A	44	C	69	C
20	D	45	B	70	C
21	C	46	C	71	B
22	D	47	C	72	A
23	B	48	B	73	B
24	A	49	D	74	A
25	D	50	B	75	D