## NICSCD\_B05

1. The given sentence may or may not have an error. Find out which part of the sentence has an error, and the appropriate letter (A, B, C) is your answer. If there is no error, D is the answer.

The astronomer [A] / who predicts the future [B] / has arrived. [C] / No error [D]

- The given sentence may or may not have an error. Find out which part of the sentence has an error, and the appropriate letter (A, B, C) is your answer. If there is no error, D is the answer.
   From the last two month [A] / each of us [B] / has been working on the same project.
   [C] / No error [D]
- 3. The given sentence may or may not have an error. Find out which part of the sentence has an error, and the appropriate letter (A, B, C) is your answer. If there is no error, D is the answer.

No sooner did [A] / she reach [B] / the station, then it started raining. [C] / No error [D]

4. The given sentence may or may not have an error. Find out which part of the sentence has an error, and the appropriate letter (A, B, C) is your answer. If there is no error, D is the answer.

The supervisor noticed that [A] / one of the employees were [B] / involved in unfair activities outside the office. [C] / No error. [D]

- 5. Arrange the given parts of the sentence in the correct order to make a meaningful sentence:
  - P. four degrees below normal
  - Q. icy winds lashed Srinagar
  - R. with minimum temperature registering
  - S. which was already in the grip of gruelling cold wave conditions
- A. QSRP B. QPSR
- C. QPRS D. SPQR
- 6. Choose the correct word to fill in the blank in the following sentence: The famous singer his success to his father's guidance.
- A. Alleges B. Accounts
- C. Pertains D. Attributes
- 7. Choose the correct option to fill in the blank in the following sentence He was so convinced that people were driven by \_\_\_\_\_ motives that he believed there was no such thing as a purely \_\_\_\_\_ act.
- A. sentimental, divineC. ulterior, selfless
- B. personal, eternal

Cloud

Fire

- D. altruistic, praiseworthy
- 8. Complete the correct proverb: A burnt child dreads the
- A. Thing
- C. Water D.
- 9. To meet one's waterloo means:

to meet one's defeat

to get into water

B. to meet Napolean

B.

D. to get one's victory

Α.

C.

- 10. Choose from the given alternatives the word which is nearest in meaning (Synonym) to the word, 'FELICITOUS'
- A. happy
- C. fervent

- B. convenient
- D. brittle
- 11. Choose from the given alternatives the word which is nearest in meaning (Synonym) to the word, 'PARSIMONIOUS'
- A. Prodigious B. Selfless
- C. Miserly D. Ostentatious
- 12. Choose from the given alternatives the word which is nearest in meaning (Synonym) to the word, 'REPULSIVE'
- A.ForbiddingB.ImmatureC.LoathsomeD.Youthful
- 13. Choose from the given alternatives the word which is nearest in meaning (Synonym) to the word, 'DEFERENCE'
- A.IndifferenceB.SympathyC.RespectD.Flattery
- 14. Choose from the given alternatives the most appropriate word opposite (Antonym) in meaning to the word, 'NEFARIOUS'
- A. wickedB. evilC. benignD. diverge
- 15. Choose from the given alternatives the most appropriate word opposite (Antonym) in meaning to the word, 'INDUBITABLE'
- A. Arguable B. Categorical
- C. Indisputable D. Preventable
- 16. Choose from the given alternatives the most appropriate word opposite (Antonym) in meaning to the word, 'SANGUINE'
- A.RoseateB.HopelessC.SlowD.Ebullient
- 17. Choose from the given alternatives the most appropriate word opposite (Antonym) in meaning to the word, 'SPURIOUS'
- A. Absolute B. Ardent
- C. Genuine D. Crucial
- 18. Change the following into an Indirect statement:

"Do you hear me?" said Shylock to Antonio.

- A. Shylock told Antonio that he heard him.
- B. Shylock asked Antonio if he heard him.
- C. Shylock asked Antonio whether he hears him.
- D. None of the above.

19. Choose the correctly Punctuated option of the sentence given below:

It is mind after all which does the work of the world said my mother

- A. It is mind after all which does the work of the world, said my mother.
- B. It is mind, after all which does the work of the world, said my mother.
- C. It is mind, after all, which does the work of the world. "said my mother"
- D. "It is mind, after all, which does the work of the world", said my mother.
- 20. Find out the correct spelling:
- A. Quintesence B. Quintessence
- C. Quentesence D. Quintesense
- Change the following into Passive voice: People say the fox is cunning.
- A. The fox is being cunning.
- B. The fox is said to be cunning.
- C. The fox says that people are being cunning.
- D. People said the fox is cunning.
- 22. Which of the following sentences is not correct:
- A. Fortune favours the bold.
- B. The opposite of love is not hate; it's indifference.
- C. The only person you are destined to become is the person you deciding to be.
- D. Always remember, you have within you the strength, the patience, and the passion to reach for the stars to change the world.
- 23. Fill in the blanks with the most appropriate option from the given alternatives. He lay there gasping, choking back with superhuman effort the scarcely \_\_\_\_\_roars of laughter that he dared not let out, but the \_\_\_\_\_comedian would not tone down his jokes.
- A. irreconcilable, reconciliable B. repressible, irrepressible,
- C. consistent, inconsistent
  D. popular, unpopular
  24. The plural of 'Bacteria' is:
  A. Bacterium
  B. Bacterias
- C. Bacteriums
- 25. Choose the correct spelling:
- A. Macaber

Macebre

D. Macbre

D.

Β.

Bacteria

Macabre

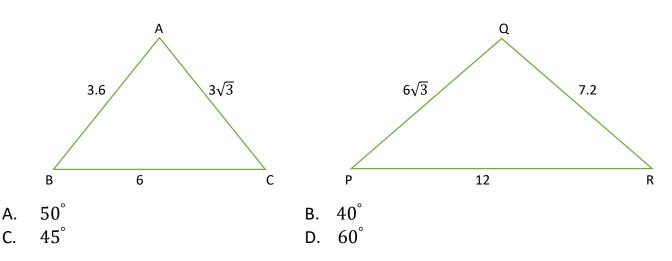
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C.

<ul> <li>simple and compound interest (in Rs.) is:</li> <li>A. 400</li> <li>B. 402</li> <li>C. 600</li> <li>D. 410</li> </ul> 27. The compound interest on Rs. 10,000 at 5% per annum is Rs. 1,025. The period (in years) is: <ul> <li>A. 2</li> <li>B. 2.5</li> <li>C. 3</li> <li>D. 4</li> </ul> 28. There is 30% increase in an amount in 5 years at simple interest. What will be the compound interest of Rs. 8,000 after 2 years at the same rate? <ul> <li>A. Rs. 987.8</li> <li>B. Rs. 989.4</li> <li>C. Rs. 988.8</li> <li>D. Rs. 986.8</li> </ul> 29. The compound interest (CI) on Rs. 6,000 for 2 years at 10% per annum compounded annually is <ul> <li>A. 1400</li> <li>B. 1200</li> <li>C. 1360</li> <li>D. 1260</li> </ul> 30. A washing machine was bought for Rs. 9,000. The value of the washing machine after 2 years. (Depreciation means the reduction of value due to use and age of the item) <ul> <li>A. 8122.2</li> <li>B. 8122.5</li> <li>C. 8122.7</li> <li>D. 8122.9</li> </ul> 31. Ram can do a work in 5 days and Shyam in 10 days. If they work on it together for 2 days, then the fraction of the work that is left is: <ul> <li>A. 1/5</li> <li>B. 2/5</li> <li>C. 3/5</li> <li>D. 4/5</li> </ul>		
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C. 3/5 D. 4/5		
<ol> <li>Jack, Jill and James can do a piece of work in 20, 30 and 60 days respectively. In how many days can Jack do the work if he is assisted by Jill and James on every third day?</li> </ol>		
A. 12 days B. 15 days		
C. 16 days D. 18 days		
33. If 4 men and 6 boys can do a piece of work in 8 days while 14 men and 26 boys can do the same in 2 days, the time taken by 10 men and 30 boys in doing the same type of work will be:		
A. 2 days B. 3 days		

5 days

- 34. 'A' can finish a work in 24 days and 'B' can do the same work in 12 days. 'B' worked for 10 days and left the job. In how many days, 'A' alone can finish the remaining work?
- A. 2 days B. 3 days
- C. 4 days D. 5 days
- 35. 'A' can do a piece of work in 26 days. 'B' is 30% more efficient than 'A'. The number of days taken by 'B' to do the same piece of work is:
- A. 18 days B. 20 days
- C. 24 days D. 26 days
- 36. If in adjacent figure angle  $A = 70^{\circ}$ ,  $B = 60^{\circ}$ , then the value of angle P is\_\_\_\_.



37. A man goes 15m due west and then 8 m due north. How far is he from the starting point?

A. 15m B. 17m
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- C. 18m D. 19m
- 38. A tangent PQ at a point P of circle of radius 5 cm meets a line through the center O at a point Q so that OQ=13cm. The length of PQ is \_\_\_\_\_
- A.  $\sqrt{194}$  cm B. 11 cm
- C. 10 cm D. 12 cm
- 39. Which of the following pair of lines in a circle can not be parallel?
- A. Two chords B. A chord and a tangent
- C. Two tangents D. Two diameters

40.	The number of tangents that can b is	e dra	awn from an external point to a circle
Α.	1	В.	3
C.	2	D.	4
41.	Walking at 5/6th of his usual speed to cover the same distance, in hours		man is 5/2 hours late. His usual time
Α.	25/2	В.	27/2
C.	15/2	D.	13/2
42.	respectively. How far will they be fro	m ea	
А. С.	25 km 24 km	B.	26 km 27 km
C.	24 KIII	D.	
43.	usual time to cover the same distance		iss the bus by 5 minutes. What is my
А. С.	15 mins 25 mins	B. D.	20 mins 30 mins
U.	25 111115	D.	30 111115
44.	The HCF of two numbers is 116, an the other number is	nd the	eir LCM is 1740. If one number is 580,
Α.	10	_	B. 348
C.	248	D.	15
45.	The largest number which divides respectively is	129 a	and 545, leaving remainders 3 and 5
Α.	18		B. 28
C.	15		D. 19
46.	If p and q are two prime numbers, th		CF and LCM of them will be
А. С.	pq,1 1,1	B. D.	p, q
C.	1,1	D.	1, pq
47.	If the product of the zeros of the pol of a is	ynom	hial $(ax^2 - 6x - 6)$ is 4, then the value
А	<u>1</u>	B	3
А. С.	$\frac{\frac{1}{2}}{-\frac{3}{2}}$	D.	$\frac{\frac{3}{2}}{-\frac{1}{2}}$
C.	$-\frac{1}{2}$	D.	$-\frac{1}{2}$
48.		b is	divisible by $(x^2 - x)$ , then the value
	of a and b are	-	1.0
	2,0	B.	1,0
C.	2, 1	D.	1,2

49.	A number is increased by 3, then original number is	mult	tiplied by 2 and the result is 36. The
A.	9	В.	15
с.	10	D.	12
С.	10	D.	12
50.	If $\sin 3A = \cos(A - 26^{\circ})$ , where is	3A is	an acute angle, then the value of A
A.	16°	В.	29°
С.	14°	D.	54°
С.		D.	51
51.	If $\sec \theta - \tan \theta = p$ then the value	ue of	$\sec \theta$ is
Α.	$\sqrt{p}$	В.	$p^2$
C	$\frac{1+p^2}{2p}$	П	$\frac{1-p^2}{2p}$
			-
52.			Amit and Ajit was 3:2. 4 years from
	_		The present age of Amit and Ajit is
Α.	16, 21	Β.	21, 16
C.	20, 15	D.	20, 16
53.	If 30% of a number is equal to the 3/2 of to the second number is	of ano	ther number, then the ratio of first number
Α.	5:1	В.	1:5
C.	10:3	D.	3:10
54.	Find the value of $\frac{7.94 \text{ x } 7.94 \text{ x } 7.94 \text{ x } 7.94 \text{ - } 2.794 \text{ - } $		
Α.	0.538	В.	5.38
C.	0.0538	D.	53.8
55.	If 94.5012= $9A + \frac{4}{B} + 5C + \frac{1}{D} + 2E$ , then	the v	alue of 5A + B + 10C + D + 10E is
Α.	1052.001	В.	53.603
C.	153.6003	D.	213.0003
56. A. B. C.	Who among the following is not part of CEO Senior managers of functional areas Quality Council Coordinator or consulta		lity Council Team of an organisation?

C. Quality Council Coc D. External Customer

57. A. C.	The attempts that are made to impro- mission statements concrete are called Goals Plans		organization's performance by making  Objectives Action Plans
58.	The process of involving yourself and ir goals is called	nfluenc	ing others towards the accomplishment of
А. С.	Leadership Sportsmanship	B. D.	Dictatorship Autocracy
59. A. C.	Quality Leaders focus on Aesthetics Discontinuous improvement	B. D.	rather than maintenance. Continuous improvement Static improvement
60. A. C.	Quality leaders give primary importance Internal and external customers Founder and internal customer		Founder and co-founder Founder and co-founder Founder and external customer
61.	Leaders use to create a sustair organization.	nable c	ompetitive advantage for their
А. С.	Media Effective Strategy	B. D.	Ineffective Strategy Papers
62. A) C)	Ū.	ov led to B) D)	o the establishment of which theory? social learning behavior shaping
63. A. B. C. D.	Which of the following is false regarding Support them when needed, Audit their Recognize quality improvements made Encourage joint improvements action Scold them if there is lack of quality	r capat	bilities
64.	Which of the following is false regarding build in a company?	g the k	ind of environment quality leaders try to
А. С.	Empowerment Agility	B. D.	Innovation Localized learning
65. A. C.	Quality leaders people rather Train and coach Threaten	than d B. D.	irecting and supervising them. Scold Fire
66. A. C.	Quality leaders encourage functions of various departments in a c Competition collaboration Collaboration, competition		

- 67. Which of the following is false regarding quality leaders promoting teamwork?
- A. Multidisciplinary teamwork
- B. Create involvement
- C. Active participation of everyone D. Discourage involvement
- Regarding leadership, which statement is false?
   Leadership does not pecessarily take place within a hierarch
- A. Leadership does not necessarily take place within a hierarchical structure of an organisation
- B. When people operate as leaders their role is always clearly established and defined
- C. Not every leader is a manager
- D. All of the above
- 69. ..... are the approaches to the study of leadership which emphasise the personality of the leader:
- A. Contingency theories
- B. Group theories
- C. Trait theories D. Inspirational theories
- 70. Needs, setting standards and maintaining discipline, and appointing sub-leaders according to Adair's approach, called as:
- A. Work functions B. Task functions
- C. Individual functions D. Team functions
- 71. \_\_\_\_\_\_ is the definition of reference groups.
- A. Groups that an individual looks to when forming attitudes and opinions
- B. Groups of people who have been referred to by someone they know
- C. Groups of office colleagues
- D. Chat groups on the internet
- 72. Frustration arises from the gap between \_\_\_\_\_ and \_\_\_\_\_
- A. belief; behaviour
- B. learning; behaviour
- C. expectations; attainments
- D. behaviour; attitudes
- 73. Which of the following are the characteristics of Charismatic leadership?
- A. Must observe that the punishment and rewards motivate staff.
- B. Employees a clear chain of command.
- C. Ensure that staff is knowing the issues that the organization is facing.
- D. Maintaining a good, strong, effective, and distinctive image for the organization.
- 74. Which of the following are the characteristics of transformational leadership?
- A. Employs a clear chain of command.
- B. Must observe that the punishment and rewards motivate staff.
- C. Try his/her best to involve a team member in the process of decision making.
- D. None of the options.

75.	Interchange the signs and find the corre	ect sol	lution
	3-5*6+4/2 = 10		
A.	+ and *	В.	+ and =
C.	+ and /	D.	- and *
76.	What least number must be subtracted by 87?	from 2	23891, so that the remainder is divisible
А	56	В.	46
C.	53	D.	66
77.	Which of the following is exactly divisib	le by 7	7, 11 and also 13.
Α.	16016	В.	15035
C.	16026	D.	15119
78.	Pointing to a person, Raju said "He is th How is the person related to Raju?	ne only	brother of my father's mother's daughter."
A.	Brother	В.	Father
C.	Uncle	D.	Nephew
79. A.	sum of the first and last digits is equal	to the	igits is equal to that of the last 2 digits. The third digit. Finally, the sum of the second her 2 digits. What is the third digit of the 8
C.	1	D.	4
80.	In the following letter series, some of the as one of the alternatives below it. Che abca – bcaab – aa – caa – c		rs are missing which are given in that order ne correct alternative.
A.	bbac	В.	bbaa
C.	acbb	D.	acac
81.	In the following letter series, some of the as one of the alternatives below it. Cho cccbb $-$ aa $-$ cc $-$ bbbaa $-$ c		rs are missing which are given in that order ne correct alternative.
A.	acbc	В.	baca
C.	baba	D.	acba
82.	Components of attitude can majorly be	sugge	ested into Types.
A.	7	В.	4
C.	3	D.	6
83. A. C.	In a certain code, "Friend" is written as " FNKAO FKNBD	'EQHE B. D.	DMC". How is "Globe" written in that code? EJNAD FKNAD

84.	If '+' means subtraction, '-' means multip 'X' means division, then what is the value $54 \times 9 - 7$ division $8 + 4 = ?$		on, 'symbol of division' means addition and he following:
A)	56	B)	46
C)	59	D)	48
85.	÷ .	ght tu	are facing North and South respectively. rn, about turn, right turn and left turn in that ng now?
A.	East, West	B.	North, South
C.	West, East	D.	South, North
86.	Which one is not a benefit to employee	havin	g positive attitude of an employee?
A.	Promotion	B.	Less Stress
C.	Job Satisfaction	D.	Enjoying life
87.	is the only component of attindirectly.	tude v	which is visible and can be observed
A.	Behavioural	B.	Cognitive
C.	Affective	D.	Positive
88.	Is not a capability of a		· · ·
А. С.	Focus Pessimism	В. D.	Creativity Confidence
89. A.	The job satisfaction of an employee dep Behaviour	bends B.	on Attitude
C.	Personality	D.	Employer
90.	Cognitive component of attitude comes	from	internal environment.
А. С.	True Barthy True, Barthy False	B.	False
0.	Partly True, Partly False	D.	None of these
91.	Attitude is defined as "a learned predis with respect to a given object."	positi	on to respond in a consistently
Α.	favourable or unfavourable manner	В.	favourable manner
C.	unfavourable manner	D.	Favourable and unfavourable manner
92.	The foundation or base of the compone	nts of	Job related attitudes is
Α.	Job satisfaction	В.	Individual Attitude
C.	Job Performance	D.	Behaviour
93.	Which among the following is the highe Motivation?	st leve	el need under Need Hierarchy Theory of
А.	Safety and Security Needs	В.	Social Needs
C.	Self-esteem Needs	D.	Self Actualization Needs

The candidate must

- (i) be a computer engineer or MCA with first class having minimum 65% marks.
- (ii) have secured at least 50% marks in the selection test.
- (iii) have secured at least 40% marks in the interview.
- (iv) not be less than 21 years and not more than 30 years of age as on 1<sup>st</sup> October 2022.

In case of a candidate who satisfies all other criteria except:

- a) at (i) above but is an electronics engineer with 70% marks, the case may be referred to the GM, Recruitment.
- b) at (ii) above but is having at least 2 years' experience of working as a systems analyst, the case may be referred to the Chairman, Recruitment Committee.

In the following question, information about one candidate is given. You have to analyse it with reference to the above criteria and conditions and then decide the appropriate course of action. You are not to assume anything other than the given information. All these cases are given to you as on 1<sup>st</sup> October 2022.

Rohit Verma is a mechanical engineer with 75% marks. He was born on 6<sup>th</sup> July 1994. He scored 66% marks in the selection test and 52% marks in the interview.

- A. The candidate is to be selected.
- B. The candidate is not to be selected.
- C. The case is to be referred to the chairman. Recruitment committee.
- D. The case is to be referred to the GM Recruitment.

The candidate must

- (i) be a computer engineer or MCA with first class having minimum 65% marks.
- (ii) have secured at least 50% marks in the selection test.
- (iii) have secured at least 40% marks in the interview.
- (iv) not be less than 21 years and not more than 30 years of age as on 1<sup>st</sup> October 2022.

In case of a candidate who satisfies all other criteria except:

- a) at (i) above but is an electronics engineer with 70% marks, the case may be referred to the GM, Recruitment.
- b) at (ii) above but is having at least 2 years' experience of working as a systems analyst, the case may be referred to the Chairman, Recruitment Committee.

In the following question, information about one candidate is given. You have to analyse it with reference to the above criteria and conditions and then decide the appropriate course of action. You are not to assume anything other than the given information. All these cases are given to you as on 1<sup>st</sup> October 2022.

Shweta Arora is MCA with 76% marks. She has been working as a systems analyst in an engineering firm since 15<sup>th</sup> November 2020. She scored 72% marks in the selection test and 65% marks in the interview. Her date of birth is 25<sup>th</sup> October 1996.

- A. The candidate is to be selected.
- B. The candidate is not to be selected.
- C. The case is to be referred to the chairman. Recruitment committee.
- D. The case is to be referred to the GM Recruitment.

The candidate must

- (i) be a computer engineer or MCA with first class having minimum 65% marks.
- (ii) have secured at least 50% marks in the selection test.
- (iii) have secured at least 40% marks in the interview.
- (iv) not be less than 21 years and not more than 30 years of age as on 1<sup>st</sup> October 2022.

In case of a candidate who satisfies all other criteria except:

- a) at (i) above but is an electronics engineer with 70% marks, the case may be referred to the GM, Recruitment.
- b) at (ii) above but is having at least 2 years' experience of working as a systems analyst, the case may be referred to the Chairman, Recruitment Committee.

In the following question, information about one candidate is given. You have to analyse it with reference to the above criteria and conditions and then decide the appropriate course of action. You are not to assume anything other than the given information. All these cases are given to you as on 1<sup>st</sup> October 2022.

Sarthak Sinha is an electronics engineer passed out in 2016. At the age of 23 years With 82% marks. He scored 64% marks in the selection test and 58% marks in the interview. He has got the work experience as programmer for 2.5 years.

- A. The candidate is to be selected.
- B. The candidate is not to be selected.
- C. The case is to be referred to the chairman. Recruitment committee.
- D. The case is to be referred to the GM Recruitment.

The candidate must

- (i) be a computer engineer or MCA with first class having minimum 65% marks.
- (ii) have secured at least 50% marks in the selection test.
- (iii) have secured at least 40% marks in the interview.
- (iv) not be less than 21 years and not more than 30 years of age as on 1<sup>st</sup> October 2022.

In case of a candidate who satisfies all other criteria except:

- a) at (i) above but is an electronics engineer with 70% marks, the case may be referred to the GM, Recruitment.
- b) at (ii) above but is having at least 2 years' experience of working as a systems analyst, the case may be referred to the Chairman, Recruitment Committee.

In the following question, information about one candidate is given. You have to analyse it with reference to the above criteria and conditions and then decide the appropriate course of action. You are not to assume anything other than the given information. All these cases are given to you as on 1<sup>st</sup> October 2022.

Vikrant, a computer engineer passed out with 68% marks in the final examination at the age of 22 years in 2020. He secured 62% marks in the selection test and 56% marks in the interview.

- A. The candidate is to be selected.
- B. The candidate is not to be selected.
- C. The case is to be referred to the chairman. Recruitment committee.
- D. The case is to be referred to the GM Recruitment.
- 98. Given below are two statements labelled as Assertion (A) and Reason (R). Mark your answer as per the codes provided Assertion (A): When lightning strikes, the sound is heard a little after the flash is seen. Reason (R): The velocity of light is greater than that of the sound.
- A. Both A and R are true and R is the correct explanation of A.
- B. Both A and R are true but R is not the correct explanation of A.
- C. A is true but R is false.
- D. Both A and R are false.
- 99. Given below are two statements labelled as Assertion (A) and Reason (R). Mark your answer as per the codes provided Assertion (A): Indian President is the head of the State. Reason (R): Indian Parliament consists of the President, Lok Sabha and Rajya Sabha.
- A Both A and P are true and P is the correct evaluation of A
- A. Both A and R are true and R is the correct explanation of A.
- B. Both A and R are true but R is not the correct explanation of A.
- C. A is true but R is false.
- D. Both A and R are false.

- 100. Given below are two statements labelled as Assertion (A) and Reason (R). Mark your answer as per the codes provided Assertion (A): Diamond is used for cutting glass. Reason (R): Diamond has a high refractive index.
  - Reason (R): Diamond has a high refractive index.
- A. Both A and R are true and R is the correct explanation of A.
- B. Both A and R are true but R is not the correct explanation of A.
- C. A is true but R is false.
- D. Both A and R are false.
- 101. By the early 1990s, the service sector contributed approximately 20 %of India's GDP. Still no coherent system of rules, principles, and procedures exist to govern the service sector. Which of the following best summarises the argument?
- A. Regulatory system lag behind reality.
- B. A regulatory system ought to reflect the importance of service sector
- C. India's GDP was five times its service sector
- D. None of these
- 102. An Airline has a certain free luggage allowance and charges for excess luggage at a fixed rate per kg. Two passengers, Raja and Praja have 60 kg of luggage between them and are charged Rs.1200 and Rs.2400/- respectively for excess luggage. Had the entire luggage belonged to one of them, the excess luggage charge would have been Rs.5400/-. What is the weight of Praja's luggage?
- A. 20 Kg B. 25 Kg
- C. 30 Kg D. 35 Kg
- 103. An Airline has a certain free luggage allowance and charges for excess luggage at a fixed rate per kg. Two passengers, Raja and Praja have 60 kg of luggage between them and are charged Rs.1200 and Rs.2400/- respectively for excess luggage. Had the entire luggage belonged to one of them, the excess luggage charge would have been Rs.5400/-. What is the free luggage allowance?
- A. 10 Kg B. 15 Kg
- C. 20 Kg D. 30 Kg
- 104. Which of the given options best completes the argument below:

One effect of the FM radio was a collapse in the market for the audio cassettes. Formerly, people had to buy audio cassettes in order to listen to their favourite music, but the advent of FM radio changed all that by 'giving people music on tap'. Similarly, the introduction of crops genetically engineered to be resistant to pests will

- A. Increase the size of the crop harvests
- B. Increase the cost of seeds
- C. Reduce demand for chemical pesticide
- D. Reduce the value of farmland

- 105. Dr. Miller has a busy paediatric dentistry practice and she needs a skilled, reliable hygienist to keep things running smoothly. The last two people she hired were recommended by top dentists in the area, but they each lasted less than one month. She is now in desperate need of a hygienist who can competently handle the specific challenges of her practice. Which one of the following candidates should Dr. Miller consider most seriously?
- Marilyn has been a hygienist for fifteen years, and her current employer, who is about Α. to retire, says she is the best in the business. The clientele she has worked with consists of some of the wealthiest and most powerful citizens in the county.
- Β. Lindy recently graduated at the top of her class from one of the best dental hygiene programs in the state. Prior to becoming a dental hygienist, Lindy spent two years working in a day care centre.
- C. James has worked as a dental hygienist for three years in a public health clinic. He is very Interested in securing a position in a private dental office.
- Kathy is an experienced and highly recommended dental hygienist who is also D. finishing a degree in early childhood education, which she hopes will get her a job as a preschool teacher. She is eager to find a job in a paediatric practice, since she has always wanted to work with children.
- 106. Mrs. Jansen recently moved to Arizona. She wants to fill her new backyard with flowering plants. Although she is an experienced gardener, she is not very well versed in what plants will do well in the Arizona climate. In addition, there is a big tree in her backyard making for shady conditions and she is not sure what plants will thrive without much direct sunlight. Her favourite gardening catalogue offers several backyard seed packages. Which one should Mrs. Jansen choose?
- The Rainbow Collection is ideal for North-east gardens. It includes a variety of colourful Α. perennials that thrive in cool, moist conditions.
- Β. The Greenhouse Collection will blossom year after year if planted in brightly lit locations and watered regularly.
- C. The Treehouse Collection will provide lush green plants with delicate colourful flowers that thrive in shady and partially shady locations.
- D. The Oasis Collection includes a variety of perennials that thrive in dry climates and bright sunlight.
- In the question below is given a statement followed by two conclusions 107. numbered I and II. You have to assume everything in the statement to be true, then consider the two conclusions together and decide which of them logically follows beyond a reasonable doubt from the information given in the statement.

Statements: Women's organisations in India have welcomed the amendment of the Industrial Employment Rules 1946 to curb sexual harassment at the work place.

Conclusions:

- 1 -Sexual harassment of women at work place is more prevalent in India as compared to other developed countries.
- 11 -Many organisations in India will stop recruiting women to avoid such problems.

Give answer:

- If only conclusion I follows (A)
- If only conclusion II follows (B)
- If both I and II follow (C)
- (D) If neither I nor II follows

108. In the question below is given a statement followed by two conclusions numbered I and II. You have to assume everything in the statement to be true, then consider the two conclusions together and decide which of them logically follows beyond a reasonable doubt from the information given in the statement.

Statements: People who speak too much against dowry are those who had taken it themselves.

Conclusions:

I - It is easier said than done.

II - People have double standards.

Give answer:

- (A) If only conclusion I follows
- (B) If only conclusion II follows
- (C) If both I and II follow
- (D) If neither I nor II follows
- 109. Given below is a statement, followed by two assumptions numbered I and II. You have to consider which of the assumption is implicit in the statement.

Statement: It is desirable to put the child in school at the age of 5 or so. Assumptions:

I. At that age the child reaches appropriate level of development and is ready to learn.

- II. The schools do not admit children after six years of age.
- A. only assumption I is implicit
- B. only assumption II is implicit
- C. either I or II is implicit
- D. both I and II are implicit.
- 110. Given below is a statement, followed by two assumptions numbered I and II. You have to consider which of the assumption is implicit in the statement.

Statement: "Those who are appearing for this examination for the first time, should be helped in filling up the form." – An instruction to invigilating staff. Assumptions:

- I. The form is somewhat complicated.
- II. Candidates can appear more than once for this examination.
- only assumption I is implicit, B. only assumption II is implicit
- C. either I or II is implicit
- D. both I and II are implicit.
- 111. Given below consists of a statement, followed by two courses of action numbered I and II. You have to assume everything in the statement to be true and on the basis of the information given in the statement, decide which of the suggested courses of action logically follow(s) for pursuing and accordingly choose your answer from the given alternatives.

**Statement**: In spite of the principal's repeated warnings, a child was caught exploding crackers secretly in the school.

## Courses of actions:

- I. All the crackers should be taken away from the child and he should be threatened not to do it again.
- II. The child should be severely punished for his wrong act.
- A. only I follows

- B. only II follows
- C. either I or II follows D. neither I nor II follows

Α.

112. Given below consists of a statement, followed by two courses of action numbered I and II. You have to assume everything in the statement to be true and on the basis of the information given in the statement, decide which of the suggested courses of action logically follow(s) for pursuing and accordingly choose your answer from the given alternatives.

Statement: The availability of imported fruits has increased in the indigenous market and so the demand for indigenous fruits has been decreased.

Assumptions:

- I. To help the indigenous producers of fruits, the Government should impose high import duty on these fruits, even if these are not of good quality.
- II. The fruit vendors should stop selling imported fruits so that the demand for indigenous fruits would be increased.
- A. only I follows

- B. only II follows
- C. either I or II follows D. neither I nor II follows
- 113. How many zeros are there at the end of the product of 33 x 175 x 180 x 12 x 44 x 80 x 66?
- A. 5 B. 2 C. 8 D. 4
- 114. What is the remainder when  $[(1931)^{221}]^{428}$  is divided by 1932?
- A. 0 B. 1 C. 1930 D. 1929
- C. 1930 D. 192
- 115. A man has 1044 candles. After burning, he can make a new candle from 9 stubs left behind. Find the maximum number of candles that can be made.
- A. 116 B. 120
- C. 130 D. 140
- 116. If the numbers from 1 to 45 which are exactly divisible by 3 are arranged in ascending order, minimum number being on the top, which come at the ninth place from the top?
- A.18B.24C.21D.27
- 117. Suman's income is Rs. 12000 per month. She pays 20% tax on monthly income above Rs. 2000 and she spends 30% of the remining income. How much does she save annually?
- A.70,000B.60,000C.84,000D.50,000
- 118. In an election between two candidates, a candidate who got 40% of total votes is defeated by 15,000 votes. The number of votes received by the winning candidate is
- A.6,000B.10,000C.22,500D.45,000

- 119. A person sells an article for Rs. 360 at a loss of 10%. For what price should he sell the same article to gain 20%?
- A. 480 B. 440 C. 432 D. 400
- 120. A horse and a cow were sold for Rs. 12,000 each. The horse was sold at a loss of 20% and the cow at a gain of 20%. The entire transaction has resulted in:

Α.	loss of Rs.1000	В.	Gain of Rs.2000
C.	loss of Rs.500	D.	No loss or gain

121. Mukul bought a TV with 20% discount on the labelled price. Had he bought it with 25% discount, he would have saved Rs. 500. At what price did he buy the TV?

Α.	Rs.16,000	В.	Rs.12,000
C.	Rs.10,000	D.	Rs.8,000

122. A cricketer has a certain average of 9 innings. In the tenth inning, he scores 100 runs, thereby increasing his average by 8 runs. Calculate his new average.

Α.	8	В.	20
C.	28	D.	36

123. In the first 10 overs of a cricket game, the run rate was only 3.2. What should be the run rate in the remaining 40 overs to reach the target of 282 runs?

Α.	6.25	В.	6.50
C.	6.75	D.	7.00

- 124. In an engineering college the average salary of all engineering graduates from Mechanical trade is Rs. 2.45 lacs per annum and that of the engineering graduates from electronics trade is Rs. 3.56 lacs per annum. The average salary of all Mechanical and Electronics graduates is Rs. 3.12 lacs per annum. Find the least number of Electronics graduates passing out from this institute.
- A.
   43
   B.
   59

   C.
   67
   D.
   Cannot be determined
- 125. Sumit and Rajan, run on a circular track of circumference 600 m with a speed of 5 km/h and 2 km/h. They start from the same place at the same time and in the same direction. When will they be together again for the first time?

Α.	180 s	B.	360 s
C.	540 s	D.	720 s

126. Jai started cycling along the boundaries of a square field from corner point A. After half an hour he reached the corner point C, diagonally opposite to A. If his speed was 8 km/h, the area of the field in square km is

Α.	64	В.	8
C.	4	D.	12

- 127. If 5 men take an hour to dig a ditch, then how long should 12 men take to dig a ditch of the same type?
- A.
   25 min
   B.
   30 min

   C.
   28 min
   D.
   20 min
- 128. A train covers 180 km distance in 4h. Another train covers the same distance in 1 h less. What is the difference in the distance covered by these trains in one hour?
- A. 45 km B. 9 km
- C. 40 km D. None of these
- 129. On a certain amount of money, the simple interest for 2 year is Rs. 50 at the rate of 5% per annum. Find the difference in CI and SI.
- A.1.25B.51.25C.48.75D.52.5
- 130. The compound interest on a sum at the rate of 5% for two years is Rs. 512.50. The sum is

Α.	Rs. 5200	В.	Rs. 4800
C.	Rs.5000	D.	Rs.5500

- 131. A and B can do a job in 10 days. B and C can do the same job in 15 days. If all three together can do the work in 6 days, then in how many days can B complete the whole job?
- A.10 daysB.12 daysC.18 daysD.None of these
- 132. If TEMPLE is coded as VHQNIA, how would you code CHURCH in the same language?

Α.	EKYPZC	В.	EKYPYD
C.	EKYPZD	D.	EKYQZD

- 133. If 'Men are very busy' means '1234', 'Busy persons need encouragement' means '4567', 'Encouragement is very important' means '3589' and 'Important persons are rare' means '2680', what is the code for 'encouragement'?
- A. 5 B. 6 C. 8 D. 9
- 134. 'Shoes' is related to 'Leather' in the same way as 'Rubber' is related to

Α.	Plastic	В.	Polythene
C.	Latex	D.	Chappal

135. Three out of four pairs of numbers have the same relationship. Find the odd-man out?

Α.	4:63	В.	1:0
C.	5:124	D.	2:15

136. How many 3's are immediately preceded by 9 but not immediately followed by 5 in the following number series?

934593593643933539539375759395

- A. 4 B. 5 C. 6 D. 3
- 137. Sunita is taller than Seema and Renu, Renu is shorter than Radha and Gauri. Bina is taller from Radha and Shorter than Sunita. Sunita is not the tallest and Renu is not the shortest.

From the above, who is the tallest?

- A. Sunita B. Bina
- C. Gauri D. Data inadequate
- 138. Sunita is taller than Seema and Renu, Renu is shorter than Radha and Gauri. Bina is taller from Radha and Shorter than Sunita. Sunita is not the tallest and Renu is not the shortest.

From the above, who is the shortest?

Α.	Radha	В.	Renu
C.	Bina	D.	None of these.

139. Sunita is taller than Seema and Renu, Renu is shorter than Radha and Gauri. Bina is taller from Radha and Shorter than Sunita. Sunita is not the tallest and Renu is not the shortest.

From the above, what is the position of Radha from the shorter end?

- A. Fourth B. Second
- C. Third D. None of these
- 140. Sunita is taller than Seema and Renu, Renu is shorter than Radha and Gauri. Bina is taller from Radha and Shorter than Sunita. Sunita is not the tallest and Renu is not the shortest.

Based on the above, which of the statement is definitely correct?

- A. Bina occupies the third position from the top.
- B. Seema is taller than Renu.
- C. Gauri is shorter than Radha.
- D. None of the above.

141. Lakshman went 15 km to the west from his house, then turned left and walked 20 km. He then turned East and walked 25 km and finally turning left covered 20 km. How far is he now from his house?

Α.	15 KM	В.	20 KM
C.	25 KM	D.	10 KM

142. Six persons are sitting in a circle. A is facing B. B is to the right of E and left of C. C is to the left of D. F is to the right of A. Now D exchanges his seat with F and E with B.

Who will be sitting to the left of D?

- A. B B. F C. E D. A
- 143. Six persons are sitting in a circle. A is facing B. B is to the right of E and left of C. C is to the left of D. F is to the right of A. Now D exchanges his seat with F and E with B.

Who will be sitting to the left of C?

- A. E B. F C. A D. B
- 144. Six persons are sitting in a circle. A is facing B. B is to the right of E and left of C. C is to the left of D. F is to the right of A. Now D exchanges his seat with F and E with B.

Who will be sitting opposite of A?

- A. E B. F C. D D. B
- 145. Six persons are sitting in a circle. A is facing B. B is to the right of E and left of C. C is to the left of D. F is to the right of A. Now D exchanges his seat with F and E with B.

Who will be sitting opposite to C?

- A. E B. D C. B D. A
- 146. In the following series one number is wrong. Find out the wrong number.

2, 3, 9, 27, 112, 565, 3396

- A.565B.9C.112D.27
- 147. In the following series one number is wrong. Find out the wrong number.

701, 348, 173, 85, 41, 19, 8

- A.173B.41C.19D.348
- 148. Pointing towards a lady, a man said, "The father of her brother is the only son of my grandfather." How is the lady related to that man?

Α.	Sister	В.	Daughter
C.	Bua (Father's sister)	) D.	Mother-in-law

149. Find out the missing number.

4	6
112	246
56	?
	112

A. 120 C. 123

В.	201
D.	303

150. Find out the missing number.

2	3	5
9	17	33
65	129	?

A. 228	В.	199
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C. 257 D. 209

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