

SBI Clerk 2016 Mains Mock 2

This Mock Test consists of 190 questions which are spread across 4 sections – English Language, Numerical Ability, Reasoning Ability + Computer Knowledge and General Awareness. The mock test carries 200 marks and of 2 hours 40 minutes duration. There is negative marking of 1/4 marks for each wrong answer.

Pattern of the Exam –

Name of the Test	Number of Qs.	Max. Marks
1. Reasoning + Computer	50	60
2. Numerical Ability	50	50
3. English Language	40	40
4. General Awareness (Economy/Banking)	50	50
Total	190	200

Reasoning and Computer Awareness

- W walked 40 m towards West, took a left turn and walked 30 m. He then took a right turn and walked 20 m. He again took a right turn and walked 30 m. How far was he from the starting point?
a) 70 m b) 60 m c) 90 m d) Can't be determined e) None of these
- How many such pairs of letters are there in the word POSITIVE each of which has as many letters between them in the word as in the English alphabet?
a) None b) One c) Two d) Three e) More than three
- In a certain code, GATE is written as 5*3\$ and TOUR is written as 32@%. How is URGE written in that code?
a) 3%5\$ b) \$%@5 c) @%3\$ d) @%5\$ e) None of these
- If it is possible to form only one such number with the 3rd, 6th and 7th digits of the number 7394261 which is the perfect square of a two digit odd number, which of the following will be the 1st digit of that two-digit odd number?
a) 9 b) 3 c) 5 d) No such number can be formed e) More than one such number can be formed
- How many such pairs of digits are there in the number 539816 each of which has as many digits between them in the number as when the digits are arranged in descending order within the number?
a) None b) One c) Two d) Three e) More than three
- Four of the following five are alike in a certain way and so form a group. Which is the one that does not belong to the group?
a) Iron b) Copper c) Ceramic d) Silver e) Zinc
- Rajesh correctly remembers that his friend Sanjay started working after April but before September. Vinod correctly remembers that Sanjay did not have a job before May. Madan correctly remembers that the month Sanjay started working had 30 days. In which month of the year did Sanjay definitely start working?
a) July b) August c) September d) August or September e) June
- How many meaningful English words can be formed with the letters 'ABKC' using each letter only once in each word? (All the four letters to be used in the word)
a) None b) One c) Two d) Three e) More than three

Directions (Q. 09-15): Study the following information carefully and answer the given questions.

P, Q, R, S, W, V, T and U are eight family members sitting around a circular table, facing the centre, but not necessarily in the same order. Each member has a different hobby, viz Watching TV, Swimming, Cooking, Singing, Reading, Dancing, Walking and Listening to Music, but not necessarily in the same order. P is the head of his family and sits third to the left of wife Q. T has two sisters and sits second to the right of his grandfather, whose hobby is Watching TV. S sits on the immediate left of her brother, who sits in front of his father. V sits between the person who likes Swimming and the person who likes Singing. Her hobby is Reading. Q has two sons and one of the sons' hobby is Singing. U sits in front of her mother-in-law, whose hobby is Music. W's son's hobby is Walking. R and his sister-in-law like Singing and Cooking respectively.

- How is W related to P?
a) Brother b) Father c) Daughter d) Son e) None of these
- How many couples are there in the family?
a) One b) Two c) Three d) Either 2) or 3) e) None of these
- Who among the following sits third to the left of W?
a) Q b) R c) T d) S e) None of these
- Which of the following pairs of hobbies are a couple's hobbies?

a) Cooking – Dancing b) Music – Singing c) Watching TV –Reading d) Swimming – Cooking e) None of these

13. What is the hobby of S?

a) Cooking b) Singing c) Dancing d) Reading e) None of these

14. Who among the following sits in front of R and what is the relationship between them?

a) Q, who is brother of R b) P, who is daughter of R c) Q, who is mother of R d) P, who is father of R e) None of these

15. Which of the following statements is true?

a) P is grandfather of V and sits third to the right of V. b) W is husband of U and sits on the immediate right of R.

c) T is sister of V. d) All are true e) None of these

16. Statements:

All princes are kings

No royal is prince

Some princes are cute

Conclusions :

(i) All royals being kings is a possibility

(ii) A prince can never be royal.

(iii) All cute are princes

(iv) Some cute are not royal

a) Only i and iv follows

b) Only i and ii follows

c) Only either i and ii follows

d) Only either ii or iv and iii follows

e) None of these.

17. Statements :

All rings are circles

All squares are rings

No ellipse is a circle

Some circles are triangles

Conclusions :

(i) Some rings being ellipses is a possibility

(ii) At least some circles are squares.

(iii) Some ellipse are not triangles

(iv) Some squares are triangles

a) None follows

b) Only i follows

c) Only ii and iv follows

d) Only iii follows

e) Only ii and iii follows

18. Statements :

Some locks are houses

No house is an apartment

Some bungalows are apartments

Conclusions :

(i) No house is a bungalow

(ii) All houses are bungalows.

(iii) Some locks are not apartments

(iv) Some locks are bungalows

a) None follows

b) Only i follows

c) Only ii follows

d) Only iii follows

e) Only i and ii follows.

19. Statements :

Some gases are liquids

All liquids are water

Some water is pure

Conclusions :

(i) All gases being water is a possibility

(ii) Some liquids are pure

- (iii) Some pure are gases
 (iv) All such gases which are not water can never be liquids
 a) All follow
 b) None follows
 c) Only i and iv follows
 d) Only i and iii follows
 e) None of these

20. Statements :

- All minutes are seconds
 All seconds are hours
 No second is a day

Conclusions :

- (i) No day is an hour
 (ii) At least some hours are minutes.
 (iii) Some days are hours
 (iv) All seconds are minutes
 a) Only i and ii follows
 b) Only i, ii and iii follows
 c) Only either i or iii and ii follows
 d) Only either i or iii and iv follows
 e) None of these

Directions (21-25): In these questions, certain symbols have been used to indicate relationships between elements as follows:

- 1) P @ Q means P is not smaller than Q.
 2) P # Q means P is neither smaller than nor equal to Q.
 3) P % Q means P is neither greater than nor smaller than Q.
 4) P \$ Q means P is not greater than Q.
 5) P * Q means P is neither greater than nor equal to Q.

21. Statements: S @ V , V # M , V % F

Conclusions:

- I. S # M
 II. S @ F
 III. M # F
 a. None follows
 b. Only I follow
 c. Only II follow
 d. Only III follow
 e. Only II & III follows

22. Statements: B \$ D , D * F , R % B

Conclusions:

- I. F # R
 II. R \$ D
 III. B # F
 a. Only I and II follows
 b. Only II and III follows
 c. Only I and III follows
 d. None follows
 e. All follows

23. Statements: V # I , I @ J , J \$ P

Conclusions:

- I. V # J
 II. V # P
 III. P # I
 a. Only II follows
 b. Only I and III follows
 c. Only I follow
 d. Only III follow
 e. None of these

24. Statements: C * D , D # T , T \$ J

Conclusions:

I. C * T

II. D \$ J

III. J # C

- a. None follows
- b. Only I follow
- c. Only II follow
- d. Only III follow
- e. Only II & III follows

25. Statements: R \$ W , W % J , J @ K

Conclusions:

I. R \$ K

II. W @ K

III. J @ R.

- a. Only I and II follows
- b. Only II and III follows
- c. Only I and III follows
- d. None follows
- e. All follows

Directions (Q. 26-30) Study the following arrangement carefully and answer the questions given below.

H 9 3 P \$ K E % 4 F R 1 U @ W G 2 M I 5 B Q Z 6 © * N ! 8 V J

26. If all the symbols and numbers are dropped from the above arrangement, which of the following will be the 14th from the right end?

- a) M b) K c) W d) E e) None of these

27. What should come in place of the question mark (?) in the following series based on the above arrangement?

PK% RUW M5Q ?

- a) ©N8 b) ©N@ c) 6*@ d) 6*8 e) None of these

28. How many such numbers are there in the above arrangement each of which is immediately preceded by a letter and immediately followed by a symbol?

- a) None b) One c) Two d) Three e) More than three

29. Which of the following is the 7th to the left of the 20th from the left end of the above arrangement?

- a) U b) \$ c) I d) N e) None of these

30. How many such consonants are there in the above arrangement each of which is immediately followed by number but not immediately preceded by a number?

- a) None b) One c) Two d) Three e) More than three

31. Which computer virus records every movement you make on your computer?

- a) Malware Android b) Key logger c) DoS d) Trapper e) None of these

32. What program would you use to gain administrative rights to someone's computer?

- a) Bot b) Executive Android c) Rootkit d) Trojan horse e) none of these

33. A remote control that is used to turn on or off some machine is also called a(n) _____.

- a) class b) interface c) message d) instance e) None of these

34. In a student grading system, Student Last Name, Student Address, and Final Course Grade would all be classified as what?

- a) Inheritance b) Information c) Encapsulation d) Polymorphism e) none of these

35. What part of object-oriented technology defines superclass and subclass relationships?

- a) Inheritance b) Scalability c) Encapsulation d) Polymorphism e) All of above

36. When an object has many forms, it has _____.

- a) Inheritance b) Scalability c) Encapsulation d) Polymorphism e) None of these

37. What programming language model is organized around "objects" rather than "actions"?

- a) Java b) OOB c) Perl d) C++ e) All of above

38. What are the instructions called that tell a system what, how, and when to do something?

- a) Object-oriented technology approach
- b) Object-oriented database
- c) Program
- d) Database management
- e) None of these

39. What common technique attempts to save time and energy by reducing redundant work in object-oriented programming?

- a) Reduce lines of programming

- b) Reuse of code
 c) Reduce size of systems being developed
 d) Merging different systems together
 e) All of above
40. What kind of programming language is Java?
 a) Object-oriented programming language
 b) Relational programming language
 c) Sixth-generation programming language
 d) Database management programming Language
 e) None of these
41. What type of internet technology sends information to you without you requesting that information?
 a) F2b2C b) Infoware c) Push d) Wiki e) None of these
42. What is the second generation of the Web called?
 a) New web b) Emerging space c) Second life d) Web 2.0 e) None of these
43. What type of web technology allows its community members to continuously change the contents on a web site?
 a) Intelligent bots b) Social networks c) Wiki d) Blog e)None of these
44. What type of web technology provides news that can automatically download right to your desktop?
 a) Social network b) RSS feed c) Podcast d) Wiki e) None of these
45. What type of web technology creates an online community where people can make statements and others can read and respond to those statements?
 a) I-Journal b) Podcast c) ASP d) Blog e) None of these
46. What type of technology allows you to verbally speak with someone over the Internet?
 a) Wiki b) Social network c) Ephone d) VoIP e) None of these
47. What kind of environment is Facebook or MySpace part of?
 a) Wiki b) Blog c) Social networking d) VoIP e) None of these
48. What term refers to living life through technology?
 a) Virtual living b) E-living c) Virtual space d) E-Society e) All of above
49. What 3-D environment allows you to speak to someone who is far away but, at the same time, see them as a holographic image?
 a) CAVE b) Virtual space c) E-space d) VoIP e) All of above
50. Which tracking program records every keystroke you make on the computer?
 a) ITrack/ULead b) eFollow c) Key logger d) Stalking software e) none of these

Quantitative Aptitude

(Q.51-55) what will come in place of question mark (?) in the given number series?

51. 29, 31, 37, 49, 69, ?
 a) 108 b) 99 c) 94 d) 103 e) 88
52. 13, 13, 20, 37.5, 83, ?
 a) 233 b) 216 c) 234 d) 235 e) 239
53. 17, 16, 30, 87, 344, ?
 a) 1735 b) 1760 c) 1660 d) 1685 e) 1715
54. 8, 9.4, 12.2, 17.8, 29, ?
 a) 53.6 b) 51.4 c) 52.1 d) 48.6 e) 49.8
55. 26, 12, 11, 15.5, 30, ?
 a) 72 b) 68 c) 74 d) 82 e) 78

Directions (Q. 56-60): In each of these questions a number series is given. In each series only one number is wrong. Find out the wrong number.

56. 17, 20, 46, 147, 599, 3015, 18018
 a) 20 b) 46 c) 599 d) 147 e) 3015
57. 9, 14, 40, 129, 536, 2705, 16260
 a) 14 b) 40 c) 536 d) 9 e) 129
58. 8, 18, 64, 272, 1395, 8424, 59045
 a) 18 b) 64 c) 272 d) 1395 e) 8424
59. 90, 135, 286, 750, 2160, 6405, 19155
 a) 90 b) 750 c) 6405 d) 286 e) 2160
60. 17, 36, 132, 635, 3500, 21750, 153762
 a) 635 b) 17 c) 132 d) 3500 e) 36

Directions (Q. 61-65): Find out the approximate value that should come in the place of question mark (?) in the following question. (You are not expected to find out the exact value.)

61. $27 \times 164 + 3739 = ? - 32.630$

a) 105400 b) 4000 c) 8200 d) 690 e) 6300

62. 134% of 3894 + 38.94% of 134 = ?

a) 5300 b) 5500 c) 5000 d) 4900 e) 5280

63. 1.65% of 8471 – 0.61% of 9326 = ?

a) 76 b) 78 c) 75 d) 80 e) 95

64. $(4874 + 5995 + 3329) \div (712 + 510 + 325) = ?$

a) 9 b) 11 c) 7 d) 11 e) 12

65. 63.5% of 8924.19 + 22% of 5324.42 = ?

a) 6278 b) 6128 c) 6228 d) 5624 e) 6817

What should come in place of question mark (?) in the following sums?

66. $14/19 \times 57/20 \times 20/21 = ?$

a) $2/7$ b) $4/7$ c) $2/9$ d) $3/7$ e) None of these

67. 32% of 500 + 162% of 50 = ?

a) 231 b) 245 c) 237 d) 247 e) None of these

68. $45316 + 52131 - 65229 = ? + 15151$

a) 17063 b) 17073 c) 17076 d) 17067 e) None of these

69. 42% of ? = 4116

a) 9400 b) 9600 c) 9800 d) 10200 e) 10400

70. $184 \times 4 = ?$ 23 of 400

a) 7 b) 9 c) 8 d) 5 e) None of these

71. The average age of a man and his son is 35 yr. The ratio of their ages is 5 : 2, respectively. What is the son's age?

a) 50 yr b) 35 yr c) 15 yr d) 20 yr e) None of these

72. What is the least number to be added to 1500 to make it a perfect square?

a) 21 b) 35 c) 43 d) 59 e) None of these

73. What would be the simple interest obtained on an amount of ` 6535 at the rate of 10% per annum after 6 yr?

a) ` 3414 b) ` 3921 c) ` 3807 d) ` 3149 e) None of these

74. A alone can do a piece of work in 6 days and B alone 8 days. A and B undertook to do it for Rs.3200. With the help of C, they completed the work in 3 days. How much is to be paid to C?

a) Rs.375 b) Rs.400 c) Rs.600 d) Rs.800 e) None of these

75. A train travels at an average of 50 miles per hour for $2\frac{1}{2}$ hours and then travels at a speed of 70 miles per hour for $1\frac{1}{2}$ hours. How far the train did travels in the entire 4 hours?

a) 120 miles b) 150 miles c) 200 miles d) 230 miles e) None of these

76. What approximate value should come in place of the question mark (?) in the following question?

$4444 \div 56 \times (23)^2 + 63 = ?$

a) 45670 b) 46290 c) 44630 d) 43530 e) 42050

77. The product of two consecutive even numbers is 12768. What is the greater number?

a) 110 b) 108 c) 114 d) 112 e) None of these

78. If an amount of ` 198011 is distributed equally amongst 47 persons. How much amount would each person get?

a) ` 4123 b) ` 4231 c) ` 4213 d) ` 4132 e) None of these

79. In an annual examination Harish scores a total of 421 marks out of 675. What is his approximate percentage in the annual examination?

a) 56 b) 72 c) 92 d) 88 e) 62

80. Mr. Sukumar deposits an amount of ` 56500 to obtain a simple interest at the rate of 12% per annum for 3 yr. What total amount will Mr. Sukumar get at the end of 3 yr?

a) ` 75680 b) ` 77540 c) ` 76840 d) ` 73420 e) None of these

81. A canteen requires 798 bananas for a week. Totally how many bananas will it require for the months of January, February and March, 2008?

a) 10480 b) 10277 c) 10586 d) 10374 e) None of the above

82. There are 1225 employees in an organization. Out of which 40% got transferred to different places. How many such employees got transferred?

a) 540 b) 490 c) 630 d) 710 e) None of these

83. The average of 5 consecutive odd numbers A, B, C, D and E is 45. What is the product of B and D?

a) 2107 b) 2205 c) 1935 d) 2021 e) None of these

84. The total number of students in a school is 1224. If the number of girls in the school is 600, then what is the respective ratio of the total number of boys to the total number of girls in the school?

a) 26 : 25 b) 21 : 17 c) 18 : 13 d) 5 : 4 e) None of these

85. In an examination it is required to get 270 of the aggregate marks to pass. A student gets 216 marks and is declared failed by 8% marks. What are the maximum aggregate marks, a student can get?

a) 825 b) 675 c) 750 d) Can't be determined e) None of these

Directions (Q. 86-90): Study the table given below and answer the following questions: Number of buildings constructed in various towns in a state over the years

86. The total number of buildings constructed across the state in the year 2008 is approximately what per cent of the total number of buildings constructed across the state in the year 2010?

a) 81% b) 94% c) 84% d) 74% e) 85%

87. What is the total number of buildings constructed in Town Q over the given period?

a) 8435 b) 7430 c) 9453 d) 9053 e) 9435

88. What is the percentage increase in the number of buildings constructed in Town S in the year 2010 from the previous year?

a) 3.85% b) 2.85% c) 4% d) 4.85% e) None of these

89. What is the difference between the number of buildings constructed in Town T and U in the year 2013 and the number of buildings constructed in Town T and U in the year 2009?

a) 315 b) 415 c) 215 d) 205 e) 505

90. The number of buildings constructed in Town P in the year 2012 is what per cent of the total number of building constructed in Town S in the year 2013?

a) 76.76% b) 67.76% c) 85.76% d) 87.76% e) 76.67%

Directions (Q.91-95): In each of these questions, two equations (I) and (II) are given. You have to solve both the equations and give answer

1) if $x > y$

2) if $x < y$

3) if $x \geq y$

4) if $x \leq y$

5) if $x = y$ or relation cannot be established between 'x' and 'y'.

91. I. $8x+y=10$

II. $4x+2y=13$

92. I. $(x+3)(y+2)=12$

II. $2xy+4x+5y=11$

93. I. $(3x-2)/y = (3x+6)/(y+16)$

II. $(x+2)/(y+4) = (x+5)/(Y+10)$

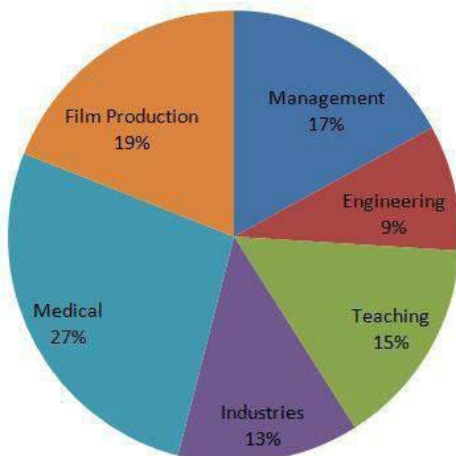
94. I. $x^2+20x+4=50-25x$

II. $y^2-10y-24=0$

95. I. $(x^2-10x+16)/(x^2-12x+24) = 2/3$

II. $y^2-y-20=0$

Directions (Q. Nos. 96-100) Study the following pie chart and answer the following questions. Percentage-wise Distribution of Employees in Six different Professions Total Number of Employees = 26800



96. What is the difference between the total number of employees in teaching and medical p`rofession together and the number of employees in management profession?

a) 6770 b) 7700 c) 6700 d) 7770 e) 7670

97. In management profession three-fourth of the number of employees are female. What is the number of male employees in management profession?

a) 1239 b) 1143 c) 1156 d) 1289 e) 1139

98. 25% of employees from film production profession went on a strike. What is the number of employees from film production who have not participated in the strike?
a) 3271 b) 3819 c) 3948 d) 1273 e) 1246
99. What is the total number of employees in engineering profession and industries together?
a) 5698 b) 5884 c) 5687 d) 5896 e) 5487
100. In teaching profession if three-fifth of the teachers are not permanent, what is the number of permanent teachers in the teaching profession?
a) 1608 b) 1640 c) 1764 d) 1704 e) 1686

English Language

Read each sentence to find out whether there is any grammatical or idiomatic error in it. The error, if any, will be in one part of the sentence. The number of that part is the answer. If there is 'No error', the answer is 5. (Ignore errors of punctuation, if any.)

101. Many of the funds 1)/ I needed to buy 2)/ my own house were 3)/ given by my father. 4)/ No error 5)
102. It is sad that in 1)/ our country education is 2)/available only to those 3)/ whom can afford it. 4)/ No error 5)
103. I was determined 1)/ to learn everything 2)/ I could from the people 3)/ off the village. 4)/ No error 5)
104. Most banks did not taken 1)/ her plan to set up 2)/ a factory in 3)/ the area seriously. 4)/ No error 5)
105. Since he was from 1)/ the district and able to 2)/speak the language locally, 3)/ they trusted him. 4)/ No error 5)

Directions (Q. 106-110) Each question below has two blanks, each blank indicating that something has been omitted. Choose the set of words for each blank which best fits the meaning of the sentence as a whole.

106. A model based approach has been ____ to identify the factors that are ____ for the problems faced by the rural areas.
a) pursued, guilty
b) placed, accountable
c) approved, made
d) identified, liable
e) adopted, responsible
107. Farm living is dependent on ____ environmental conditions, and in times of drought, flood or pestilence, survival becomes extremely ____.
a) irregular, simple
b) sedentary, dangerous
c) erratic, easy
d) unpredictable, problematic
e) impulsive, tough
108. It is also a ____ of industrialization that farms become more mechanized, putting many labourers out of ____.
a) result, work
b) point, city
c) idea, labour
d) consequence, bounds
e) cause, employment
109. Since their inception, Regional Rural Banks have taken ____ roots and have become a sort of ____ part of the rural credit structure in India.
a) many, frivolous
b) to, vital
c) several, small
d) all, essential
e) deep, inseparable
110. Any new proposal in the education sector should ____ the chances for the rural poor to have a ____ education at par with their urban counter parts in their villages themselves.
a) increase, well
b) improve, good
c) search, standard
d) glorify, better
e) lessen, regular

Directions (Q. 111 -115): Rearrange the following six sentences (A), (B), (C), (D), (E) and (F) in the proper sequence to form a meaningful paragraph and then answer the questions given below.

(A) The best way to manage domestic waste is to collect them in small bins which are transferred to community bins by private or municipal workers.

- (B) The production and improper disposal of domestic and industrial wastes are responsible for environmental pollution.
 (C) Non-biodegradable waste materials such as glass, plastic, metal scraps etc are sent for recycling whereas biodegradable wastes are dumped in landfills and are converted into compost.
 (D) From these community bins, the wastes are collected and carried to disposable sites.
 (E) The domestic waste includes sewage and municipal waste include inorganic and organic suspended particles and inorganic and organic soluble matter.
 (F) At these sites the wastes are separated into biodegradable and non-biodegradable wastes.

111. Which of the following will be the last sentence after rearrangement?

- a) E b) A c) B d) C e) D

112. Which of the following will be the second sentence after rearrangement?

- a) F b) E c) D d) A e) C

113. Which of the following will be the fourth sentence after rearrangement?

- a) A b) C c) D d) B e) F

114. Which of the following will be the first sentence after rearrangement?

- a) C b) A c) D d) E e) B

115. Which of the following will be the third sentence after rearrangement?

- a) A b) B c) C d) D e) E

Read the following passage carefully and answer the questions given below it. Certain words/phrases in the passage are printed in bold to help you locate them while answering some of the questions.

Rural India faces serious shortages—power, water, health facilities, roads, etc, these are known and recognized. However, the role of technology in solving these and other problems is barely acknowledged and the actual availability of technology in rural areas is marginal. The backbone of the rural economy is agriculture, which also provides sustenance to over half the country's population. The 'green revolution' of the 1970s was, in fact, powered by the scientific work in various agricultural research institutions. While some fault the green revolution for excessive exploitation of water and land resources through overuse of fertilizers, it did bring about a wheat surplus and prosperity in certain pockets of the country. In rural India today, there is a dire inadequacy of both science (i.e., knowledge) and technology (which derives from science and manifests itself in physical form). The scope to apply technology to both farm and non-farm activities in rural areas is huge, as are the potential benefits. In fact, crop yields are far lower than what they are in demonstration farms, where science and technology are more fully applied. Technologies that reduce power consumption of pumps are vital, unfortunately, their use is minimal, since agricultural power is free or largely subsidized. Similarly, there is little incentive to optimize through technology or otherwise-water use, especially in irrigated areas (a third of total arable land), given the water rates, Post-harvest technologies for processing and adding value could greatly enhance rural employment and incomes but at present deployment of technology is marginal. Cold storage and cold chains for transportation to market is of great importance for many agricultural products particularly, fruits and vegetables, but are non-existent. These are clearly technologies with an immediate return on investment, and benefits for all, the farmer, the endconsumer, the technology provider. However, regulatory and structural barriers are holding back investments. Power is a key requirement in rural areas, for agricultural as well as domestic uses. Technology can provide reliable power at comparatively low cost in a decentralized manner. However, this needs to be upgraded and scaled in a big way, with emphasis on renewable and non-polluting technologies. Reliable and low cost means of transporting goods and people is an essential need for rural areas. The bullock-cart and the tractor-trailer are present vehicles of choice. Surely, technology can provide a better, cheaper and more efficient solution? Information related to commodity prices, agricultural practices, weather, etc, are crucial for the farmer. Technology can provide these through mobile phones, which is a proven technology however, the challenge to ensure connectivity remains. Thus, there is a pressing need for technology as currently economic growth—though skewed and iniquitous—has created an economically attractive market in rural India.

116. According to the author, which of the following is/are the problem/s facing India's rural population?

- (1) Unavailability of healthcare facilities.
 (2) The technological advancements which have been borrowed from abroad have not been suitably adapted to the Indian scenario.
 (3) Lack of awareness about the importance of utilizing technology in the agricultural sector.

a) Only (1) b) Only (3) c) (1) and (2) d) (1) and (3) e) None of these

117. Which of the following is not an impact of the green revolution?

- a) Over utilization of water resources
 b) Application of scientific research only in demonstration farms
 c) Wealth creation restricted to creation areas
 d) Damage caused to land by inordinate use of fertilizers
 e) Supply of wheat surpassed demand

118. Why is there no motivation to reduce power consumption?

- a) Freely available sources of energy
 b) Government will have to subsidise the cost of technology required to reduce power consumption
 c) Power distribution has been decentralized

- d) The cost of implementing power saving technology is exorbitant for the customer
e) None of the above

119. What effect will the implementation of post harvest technologies such as cold storages have?

- a) Regulatory procedures will have to be more stringent
b) Prices of commodities like fruits and vegetables will fall since there is no wastage from spoilage
c) Incomes of rural population will fall
d) Pollution of the environment
e) None of the above

120. The author's main objective in writing the passage is to

- a) censure scientists for not undertaking research
b) criticise farmers for not utilising experimental low cost post harvesting technology
c) exhort the government subsidise the cost of utilizing technology
d) promote a second green revolution
e) advocate broadening the scope of research and use of technology in agriculture

121. Which of the following is not true in the context of the passage?

- (1) In recent times, the benefits of science and technology have not been felt in agriculture.
(2) The current means of rural transportation are ideal i.e., low cost and non-polluting.
(3) Agriculture provides livelihood to over 50% of the Indian population.

a) (1) and (2) b) Only (2) c) Only (3) d) (1) and (3) e) None of these

122. What has hampered investment in post harvest technologies?

- a) Cost of implementing such technology is higher than the returns
b) No tangible benefits to technology suppliers
c) Obstacles from statutory authorities
d) Rapid economic growth has drawn investors away from agriculture to more commercially viable sectors
e) None of the above

123. What is the role of mobile technology in the rural economy?

- (1) It will not play a large role since the technology is largely untested.
(2) It provides opportunities for farmers manipulate commodity prices.
(3) It will largely be beneficial since such technology is cheap.

a) (1) and (3) b) Only (1) c) (2) and (3) d) Only (2) e) None of these

124. Which of the following is currently not a threat to the rural economy?

- (1) Inadequate rural infrastructure such as roads.
(2) Excessive utilisation of technology.
(3) Fluctuating power supply.

a) Only (3) b) Only (1) c) (2) and (3) d) Only (2) e) None of these

125. Which of the following is true in the context of the passage?

- (1) About 33% of arable land in India is irrigated.
(2) There is hardly any motivation to utilise technology to optimise water usage among farmers.
(3) Climatic information can easily be made available to farmers.

a) All (1), (2) and (3) b) (1) and (2) c) Only (1) d) (2) and (3) e) None of these

In the following passage, some of the words have been left out, each of which is indicated by a number. Find the suitable word from the options given against each number and fill up the blanks with appropriate words to make the paragraph meaningfully complete.

King Vikramaditya was (126) for his justice and kindness. In his kingdom, everyone was leading a happy and content life. His people loved him and were proud of him. Once, Vikramaditya decided to build a palace on a riverbank. He (127) his ministers to survey the site and start the (128). Many labourers were put to work and in a few days the palace was (129). Before inviting the King to see the palace, the minister decided to take a final look. "Splendid!" the minister exclaimed, looking at the palace. Then suddenly his eyes fell on something and he shouted, "What is that? I did not see that before." All the labourers and the soldiers turned around. There was a hut just a few steps away from the palace gate. "What is this hut doing here?" shouted the minister and added, "And who does it belong to?" "Sir, it belongs to an old woman. She has been living here for a long time," replied a soldier. The minister walked up to the hut and spoke to the old lady. "I want to buy your hut. You can ask for as much money as you want," he said. "I am sorry, Sir. I can't accept your offer. My hut is (130) to me than my life. I have lived in it with my late husband and I want to die in it," the old lady said. The minister tried to tell her that her hut would (131) the charm of the newly constructed palace.

But the old lady was strong (132) her stance and she was ready to face any consequence and any punishment. She refused to sell her hut to the King. The matter was then taken to the King. The wise and generous King thought for a while, and then said, "Let the old lady have her hut where it is. It will only (133) to the beauty of the new palace." Then (134) the minister, the King said, "Let us not forget that what seems ugly to us may be (135) to someone else."

126. a) seen b) respect c) smart d) called e) known

127. a) ordered b) indicated c) hinted d) pleaded e) forced

128. a) build b) works c) creation d) construction e) palace

129. a) stand b) seen c) noticed d) done e) ready

130. a) more b) dearer c) important d) near e) built

131. a) stop b) spoil c) bring d) add e) obstruct

132. a) for b) by c) on d) to e) till

133. a) multiply b) subtract c) add d) increase e) help

134. a) hiding b) smiling c) turning d) peeping e) staring

135. a) good b) nice c) uglier d) precious e) happy

Directions (Q. 136-140): Below the four words are given. One of these four words may be wrongly spelt. Find out the word which is wrongly spelt, if there is any. The number of that word is your answer. If all the words are correctly spelt mark All correct as the answer.

136. Below the four words are given. One of these four words may be wrongly spelt. Find out the word which is wrongly spelt, if there is any. The number of that word is your answer. If all the words are correctly spelt mark All correct as the answer.

a) Adventure b) Demonstration c) Environment d) Innocent e) All Correct

137. Below the four words are given. One of these four words may be wrongly spelt. Find out the word which is wrongly spelt, if there is any. The number of that word is your answer. If all the words are correctly spelt mark All correct as the answer.

a) Limitation b) Dependable c) Miniature d) Qualitative e) All Correct

138. Below the four words are given. One of these four words may be wrongly spelt. Find out the word which is wrongly spelt, if there is any. The number of that word is your answer. If all the words are correctly spelt mark All correct as the answer.

a) Lucrative b) Ancestral c) Performanse d) Incidentally e) All Correct

139. Below the four words are given. One of these four words may be wrongly spelt. Find out the word which is wrongly spelt, if there is any. The number of that word is your answer. If all the words are correctly spelt mark All correct as the answer.

a) Futility b) Separation c) Embarrassment d) Positively e) All Correct

140. Below the four words are given. One of these four words may be wrongly spelt. Find out the word which is wrongly spelt, if there is any. The number of that word is your answer. If all the words are correctly spelt mark All correct as the answer.

a) Tournament b) Enhancement c) Amazingly d) Continuation e) All Correct

General and Financial Awareness

141. Who among the following has topped Asia's 50 Most Powerful Businesswoman List?

a) Arundhati Bhattacharya

b) Chanda Kochhar

c) Nita Ambani

d) Kiran Mazumdar Shaw

e) Vinod Joshi

142. Which among the following has become the first state to pass land title bill?

a) Gujarat

b) Rajasthan

c) Madhya Pradesh

d) Maharashtra

e) Himachal Pradesh

143. Sajibu Cheiraoba festival was recently celebrated in which of the following states?

a) Mizoram

b) Nagaland

c) Manipur

d) Meghalaya

e) Assam

144. The author of 'The Sympathizer' won the Pulitzer Prize, is

a) Viet Thanh Nguyen

b) Junot Diaz

- c) Jennifer Egan
- d) John Green
- e) Daniel Handier

145. Who has recently been appointed as chairman of Karnataka Vikas Grameena Bank (KVGB)?

- a) S. Ravindran
- b) M Mahadev
- c) R Surya Kiran
- d) K Ravichandran
- e) None of these

146. Who has won the 2016 Bahrain Grand Prix?

- a) Kimi Raikkonen
- b) Lewis Hamilton
- c) NicoRosberg
- d) Max Verstappen
- e) None of these

147. After banning country made liquor recently, which of the following states has banned liquor completely?

- a) Bihar
- b) Rajasthan
- c) Mizoram
- d) Haryana
- e) Maharashtra

148. Currency of which of the following countries has recently been named the banknote of the year for 2015?

- a) China
- b) Canada
- c) Zimbabwe
- d) Australia
- e) New Zealand

149. The Afghan passport has been identified as the least powerful in the world. Passport of which country is the most powerful passport in the world?

- a) India
- b) Germany
- c) USA
- d) UK
- e) France

150. The maturity period of Kisan Vikas Patra is

- a) 70 months
- b) 85 months
- c) 110 months
- d) 100 months
- e) 75 months

151. Which country is co-developing Pakistan Remote Sensing Satellite (PRSS-1) System?

- a) Iran
- b) Iraq
- c) Turkmenistan
- d) Bangladesh
- e) China

152. When is Earth day observed around the world?

- a) 10th May
- b) 22nd April
- c) 25th March
- d) 19th July
- e) 21st August

153. Who has become the President of Chad?

- a) Saleh Kebzabo
- b) Laokein Kourayo Mbaiherem
- c) Hissène Habré
- d) Idriss Deby
- e) None of the above

154. What is the currency of Laos?

- a) Kip
- b) Kyat
- c) Dollar
- d) Pataca
- e) Rupee

155. Kigali is the capital city of which country?

- a) Angola
- b) Tanzania
- c) Zambia
- d) Rwanda
- e) Burundi

156. Who is the author of the book "Framed as a Terrorist: My –Year Old Struggle to Prove My Innocence"?

- a) Aga Shahid Ali
- b) Mohammad Aamir Khan
- c) Ira Trivedi
- d) Harilal Upadhyay
- e) None of these

157. Government has launched the Twinning network program in which state?

- a) Assam
- b) Nagaland
- c) Tripura
- d) Himachal Pradesh
- e) Jammu and Kashmir

158. Which railway station has been nominated as the "Green Station"?

- a) Sealdah Railway Station
- b) Rameswaram Railway Station
- c) Lumding Junction Railway Station
- d) Golokgani Railway Station
- e) Rourkela Railway Station

159. Dr Sunita Jain was selected for Vyas Samman 2015 for her Poetry collection 'Kshama' Vyas Samman is given by:-

- a) Sahitya Academy Foundation
- b) Bhasha Literature Foundation
- c) K. K. Birla Foundation
- d) Hindu Literature Foundation
- e) Indu-Katha Foundation

160. India ranks first in milk production. India accounts for _____ of world production.

- a) 15.5 per cent
- b) 16.5 per cent
- c) 17.5 per cent
- d) 18.5 per cent
- e) 19.5 per cent

161. February 4th was observed as the World Cancer Day. This year's theme

- a) Inspire action, take action
- b) We can. I can
- c) Prevent cancer
- d) Challenge perceptions
- e) Take control of my cancer journey

162. The book titled Nathuram Godse - The Story of an Assassin written by

- a) Anup Ashok Sardesai
- b) Anuj Dhar
- c) AB Pandya
- d) Nandan Nilekani
- e) None of the above

163. World Forestry Day was observed on

- a) 21st April
- b) 21st September
- c) 21st August
- d) 21st March
- e) 21st October

164. Which state has been conferred with "Krishi Karman Award" 2016?

- a) Arunachal Pradesh
- b) Uttar Pradesh
- c) Himachal Pradesh
- d) Andhra Pradesh
- e) Madhya Pradesh

165. The new executive director at the IMF who will represent India, Bhutan, Bangladesh and Sri Lanka

- a) Subir Gokarn
- b) Narendra Modi
- c) H L Dattu
- d) R M Lodha
- e) None of the above

166. The telecom firm which announced Project Leap, of Rs.60,000-cr revamp plan, recently is

- a) Idea
- b) Bharati Airtel
- c) Vodafone
- d) Aircel
- e) BSNL

167. Which city is hosting 4th nuclear security summit 2016?

- a) Washington
- b) Geneva
- c) Brussels
- d) New York
- e) None of the above

168. Which country has announced to block Facebook, Twitter and other websites?

- a) North Korea
- b) Malaysia
- c) Pakistan
- d) Venezuela
- e) Iran

169. Who has been appointed as the United Nations Goodwill ambassador?

- a) Serena Williams
- b) Michelle Yeoh
- c) Ashely Judd
- d) Sara Taylor
- e) None of the above

170. Which state has classified Feni as "Heritage spirit"?

- a) Maharashtra
- b) Tamilnadu
- c) Goa
- d) Madhya Pradesh
- e) Haryana

171. IMPS stand for _____

- a) Immediate Payment Service
- b) Internet Money Payment Service
- c) Internal Market Payment Service
- d) Important Payment Service
- e) None of These

172. Name the country's first small finance bank which started its operations recently?

- a) Capital Local Area Bank
- b) Disha Microfin Private Limited
- c) Au Financiers (India) Limited
- d) Ujjivan Financial Services
- e) Utkarsh Micro Finance

173. What is Gross Domestic Product (GDP)?

- a) It is the market value of all final goods and services made in the country.
- b) It is the Cost production of all final goods and services made in the country.

- c) It is the Cost services of all final goods and services made in the country.
d) It is the market value of all final goods and services made within the borders of a country in a year.
e) None of These
- 174.** India's first "talking" Automated Teller Machine (ATM) for visually impaired located in _____?
a) Ahmedabad
b) Pune
c) Kolkata
d) New Delhi
e) None of These
- 175.** Which Bank has opened its first branch in South Korea that is to play an important role in strengthening economic partnership between the two nations?
a) ICICI
b) SBI
c) PNB
d) HDFC
e) None of These
- 176.** Many times we read a term "ECB" in financial newspapers. What is the full form of ECB?
a) Essential Commercial Borrowing
b) Essential Credit and Borrowing
c) External Credit and Business
d) External Commercial Borrowing
e) None of the above
- 177.** What is the maximum monthly pension for the subscribers under Atal Pension Yojana?
a) Rs 2000
b) Rs 3000
c) Rs 4000
d) Rs 5000
e) None of these
- 178.** Which country launched world first Facial recognition ATM?
a) China
b) Japan
c) US
d) Canada
e) Brazil
- 179.** In India, conventionally, bonds are issued by institutions in ____ sector while debentures by corporate in ____ sector.
a) private, public
b) public, private
c) either a or b
d) cooperative, NBFC
e) None of the above
- 180.** What is the name of the platform launched by State Bank of India (SBI) that enables customers to book their foreign exchange transactions online?
a) SBI eforex
b) SBI emoney
c) SBI eonline
d) SBI eshare
e) SBI ebuddy
- 181.** In CDR, "R" stands for ____.
a) Ratio
b) Receipt
c) Regulation
d) Restructuring
e) Reserve
- 182.** Which of the following is not a function of General Insurance?
a) Cattle Insurance
b) Crop Insurance
c) Marine Insurance
d) Fire Insurance
e) None of the above
- 183.** National Investment and Infrastructure Fund (NIIF) is a fund created by the Government of India for enhancing

infrastructure financing in the country. To be operational by the year end, the headquarter of NIIF will be located in _____.

- a) Mumbai
- b) New Delhi
- c) Bengaluru
- d) Chennai
- e) Kolkata

184. Special Drawing Rights (SDRs) are international foreign exchange reserve assets issued by

- a) World Bank
- b) WTO
- c) ADB
- d) IMF
- e) None of these

185. Which of the following types of accounts are known as "Demat Accounts"?

- a) Zero Balance Accounts
- b) Accounts which are opened to facilitate repayment of a loan taken from the bank. No other business can be conducted from there
- c) Accounts in which shares of various companies are traded in electronic form
- d) Accounts which are operated through internet banking facility
- e) None of the above

186. Who is the Chairman of the forward market commission _____

- a) Ramesh Abhishek
- b) U.K Sinha
- c) T.S vijyan
- d) R.S Sharma
- e) None of these

187. "Astana" is the capital city of which country _____

- a) Kyrgyzstan
- b) Tajikistan
- c) Turkmenistan
- d) Kazakhstan
- e) None of these

188. Shanti swarup bhatnagar award is given for excellence in the field of _____

- a) Mathematics
- b) eminent coaches of any particular sport
- c) for Science & Technology
- d) Architecture
- e) None of these

189. Where is the head quarter of United Nations Organization (UN) _____

- a) New York, US
- b) Washington DC, US
- c) Manila, Philippines
- d) Geneva, Switzerland
- e) None of these

190. which of the following is the folk dance of Odissa and Andhra Pradesh _____

- a) Changu
- b) Karagam
- c) Dumhal
- d) Lavani
- e) None of these

SBI Clerk Mains 2016-Model Questions Paper-2 (Solutions)

Answers:

1. B 2. D 3. D 4. E 5. D 6. C 7. E 8. B 9. D 10. B 11. A 12. D 13. C 14. D 15. A 16. B 17. E 18. C 19. C 20. C 21. B
 22. A 23. C 24. A 25. C 26. D 27. A 28. B 29. A 30. D 31. B 32. C 33. B 34. B 35. A 36. D 37. B 38. C 39. B 40. A
 41. C 42. D 43. C 44. B 45. D 46. D 47. C 48. D 49. A 50. C 51. B 52. B 53. E 54. E 55. C 56. C 57. B 58. B 59. D 60. A
 61. C 62. E 63. D 64. A 65. E 66. B 67. E 68. D 69. C 70. C 71. D 72. A 73. B 74. B 75. D 76. E 77. C 78. C 79. E
 80. C 81. D 82. B 83. D 84. A 85. B 86. B 87. E 88. B 89. C 90. D 91. B 92. E 93. B 94. E 95. E 96. C 97. E 98.
 B 99. D 100. A 101. A 102. D 103. D 104. A 105. C 106. E 107. D 108. A 109. B 110. B 111. D 112. B 113. C
 114. E 115. A 116. B 117. B 118. E 119. B 120. E 121. B 122. C 123. C 124. D 125. A 126. E 127. A 128. D 129. E
 130. B 131. B 132. C 133. C 134. C 135. D 136. D 137. A 138. C 139. B 140. E 141. C 142. B 143. C 144. A 145. A
 146. C 147. A 148. E 149. B 150. C 151. D 152. B 153. A 154. A 155. D 156. B 157. B 158. B 159. C 160. D 161.
 B 162. A 163. D 164. C 165. A 166. B 167. A 168. A 169. C 170. C 171. A 172. A 173. D 174. A 175. B 176. D
 177. D 178. A 179. B 180. A 181. D 182. E 183. A 184. D 185. C 186. A 187. D 188. C 189. A 190. A.

Detailed Solutions:

Reasoning Ability

- Option B
- Option D
- Option D

G A T E T O U R U R G E

5 * 3 \$ 3 2 ! % ! % 5 \$

- Option E

7 3 9 4 2 6 1

961 - number formed - 169 and square root of 169 = 13, also the square root of 961 will be 31. So, more than one such number can be formed.

- Option D

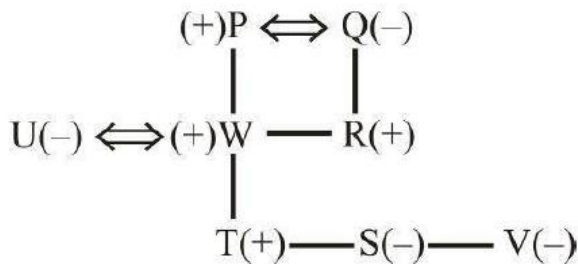
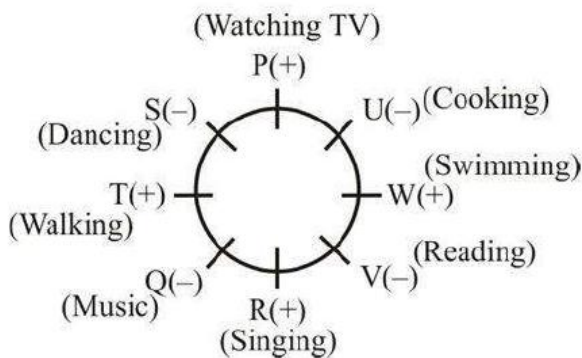
6. 'Ceramic' does not belong to the group because other all metals.

7. According to Rajesh, Sanjay started working in May/June/ July/ August. But according to Vinod, May/June/ July/ Aug. But according to Madan, 30 days month among May/ June/ July/ August is June.

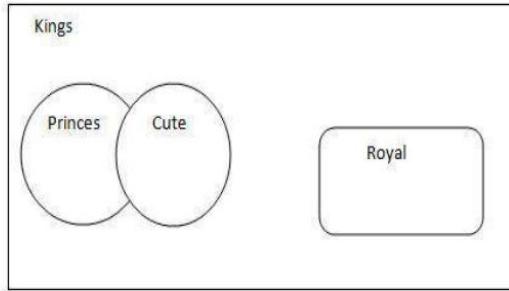
Hence, Sanjay started working in June.

8. Only one meaningful word can be forward from the letters, ABKC that is BACK.

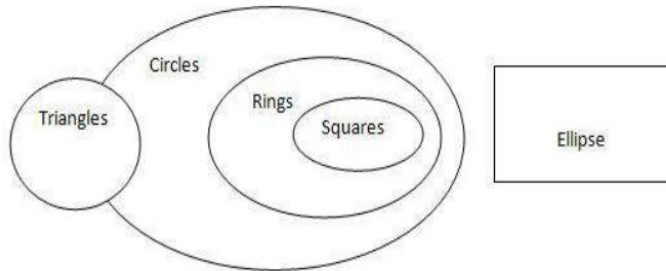
(9-15)



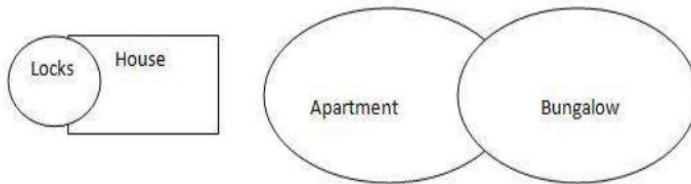
16.



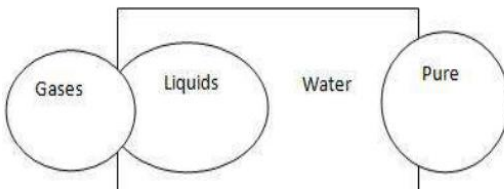
17.



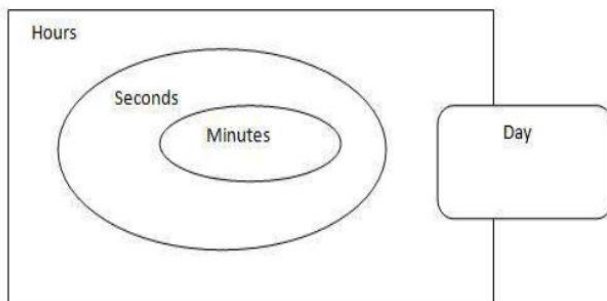
18.



19.



20.



21. $S \geq V, V > M, V = F$

$S > M$ follows

$S \geq F$ not follows

$M > F$ not follows

22. $B = D, D \leq F, R < B$

F > R follows

R ≤ D follows

B > F not follows

23. V > I, I ≥ J, J ≤ P

V > J follows

V > P not follows

P > I not follows

24. C < D, D > T, T ≤ J

C < T

D ≤ J

J > C

None follows

25. R ≤ W, W = J, J ≥ K

R ≤ K not follows

W ≥ K follows

J ≥ R follows

26. Option d

H P K E F R U W G M I B Q Z N V J

E is 14th from the right end.

27. Option a

28. Option b

Letter Number Symbol

Z 6 ©

29. Option a

20 - 7 = 13th from left = U

30. Option d

Quantitative Aptitude

51. The sequence of series is as follows

$$29 + 2 \times 1 = 31, 31 + 3 \times 2 = 37$$

$$37 + 4 \times 3 = 49, 49 + 5 \times 4 = 69$$

$$69 + 6 \times 5 = 99$$

52. The sequence of series is as follows

$$13 * \frac{1}{2} \times + 6.5 = 13, 13 \times 1 + 7 = 20$$

$$20 * \frac{3}{2} \times + 7.5 = 37.5, 37.5 \times 2 + 8 = 83$$

$$83 * \frac{5}{2} \times + 8.5 = 216$$

53. The sequence of series is as follows.

$$17 \times 1 - 1 = 16$$

$$16 \times 2 - 2 = 30$$

$$30 \times 3 - 3 = 87$$

$$87 \times 4 - 4 = 344$$

$$344 \times 5 - 5 = 1715$$

54. *1-1, *2-2, *3-3, *4-4, *5-5

$$344 * 5 - 5 = 1715$$

55. The sequence of series is as follows.

$$26 * \frac{1}{2} \times - 1 = 12, 12 \times 1 - 1 = 11$$

$$11 * \frac{3}{2} \times - 1 = 15.5, 15.5 \times 2 - 1 = 30$$

$$30 * \frac{5}{2} \times - 1 = 74$$

56. The number series should be 600 in the place of 599.

The series is $\times 1 + 3, \times 2 + 6, \times 3 + 9, \times 4 + 12, \times 5 + 15$

57. The number series should be 38 in the place of 40.

The series is $\times 1 + 5, \times 2 + 10, \times 3 + 15, \times 4 + 20, \times 5 + 25$

58. The number series should be 63 in the place of 64.

The series is $(8+1) \times 2, (18+3) \times 3, (63+5) \times 4, (272+7) \times 5$

59. The number series should be 285 in the place of 286.

The series is $(90-45) \times 3, (135-40) \times 3, (285-35) \times 3, (750-30) \times 3, (2160-25) \times 3$

60. The number series should be 636 in the place of 635.

The series is $(17 + 1_3) \times 2, (36 + 2_3) \times 3, (132 + 3_3) \times 4, (636 + 4_3) \times 5$

61. ? - 32.630 = 27 × 164 + 3739 = 4428 + 3739

or, $? = 8167 + 33 = 8200$

62. $134 \times 3894 / 100 + 38.94 \times 134 / 100 = 134 \times 3900 / 100 + 39 \times 134 / 100$
 $= 5226 + 52 = 5278 = 5280$

63. $(8471 \times 1.65\%) - (9326 \times 0.61)$
 $= 85 \times 1.6 - 93 \times 0.6 = 136 - 55.8$
 $= 80.2 = 80$

64. $? = 14198 / 1547 = 9.17 = 9$

65. $? = 63.5 \times 8924.19 + 22 \times 5324.42$
 100 100

$= 63.5 \times 89 + 22 \times 53$
 $= 5651 + 1166 = 6817$

66. $? = 14/19 \times 57/70 \times 20/21$
 $= 2/1 \times 3/10 \times 20/21$
 $= 2/1 \times 1/1 \times 2/7$
 $= 4/7$

67. $? = 500 \times 32 + 50 \times 162$
 100 100

$= 160 + 81 = 241$

68. $45316 + 52131 - 65229$
 $= ? + 15151$

$32218 = ? + 15151$

$? = 32218 - 15151 = 17067$

69. $42 \times ? / 100 = 4116$

or $? = 4116 \times 100 / 42 = 9800$

70. $? = 184 \times 4 = 184 \times 4 = 8$
 $400 \times 23 \ 4 \times 23$

100

71. Total age of the man and his son = $35 \times 2 \text{ yr} = 70 \text{ yr}$

The age of son = $2/7 \times 70 = 20 \text{ yr}$

72. Since, $(38)^2 < 1500 < (39)^2$

Therefore, the least number = $(39)^2 - 1500$

$= 1521 - 1500 = 21$

73. Simple interest = $6535 \times 10 \times 6$

100

$= 3921$

74. C's 1 day's work = $1/3 - [1/6 + 1/8] = 1/3 - 7/24 = 1/24$

A's wages : B's wages : C's wages = $1/6 : 1/8 : 1/24 = 4 : 3 : 1$

C's share (for 3 days) = $\text{Rs.}[3 \times 1/24 \times 3200] = \text{Rs.}400$

75. Total distance travelled = $[(50 \times 2 \times 1/2) + [70 \times 1 \times 1/2]]$
 $= (125 + 105) \text{ miles}$

$= 230 \text{ miles}$

76. $4444 \div 56 \times (23)^2 + 63 = ?$

$4444 \times 1/56 \times (23)^2 + 63 = ?$

$41980 + 63$

$42043 = 42050$

77. Let the two consecutive even numbers are x and $x - 2$.

Therefore,

$x(x - 2) = 12768$

$x^2 - 2x - 12768 = 0$

$x^2 - 114x + 112x - 12768 = 0$

$(x - 114)(x + 112) = 0$

$x - 114 = 0$

or $x + 112 = 0$

$x = 114$

$x = -112$

78. The amount = 198011

47

= 4213

79. Percentage of Harish = $421/675 \times 100 = 62.37\% = 62\%$

80. Sukumar got = $56500 [1 + 12 \times 3]$

100

= $56500 [34/25]$

= 76840

81. The number of days in January, February and March 2008 = $31 + 29 + 31 = 91$ days

For one week, canteen requires = 798 bananas.

For 91 days, canteen requires

= $798/7 \times 91$ bananas = 10374 bananas

82. The number of the employees

= 40% of 1225

= 40×1225

100

= 490

83. Let the numbers A, B, C, D and E are

$x - 4, x - 2, x, x + 2$ and $x + 4$ respectively.

According to the question,

$(x - 4) + (x - 2) + x + (x + 2) + (x + 4)$

5

= 45

= $5x / 5 = 45$

$x = 45$

Therefore,

$B \times D = (x - 2)(x + 2)$

= $x^2 - 4 = (45)^2 - 4$

= $2025 - 4 = 2021$

84. The ratio = $(1224 - 600):600$

= $624:600 = 26:25$

85. Let the maximum aggregate marks a student can get is x .

Therefore, $270 - 216 = 8\%$ of x

$54 = x \times 8/100$

$x = 5400/8 = 675$

86. Total number of buildings constructed across the state in the year 2008

= $1500 + 1250 + 1480 + 1724 + 1020 + 1136 = 8110$

Similarly in 2010 = $1610 + 1320 + 1545 + 1800 + 1100 + 1230 = 8605$

Required percentage = $8110/8605 \times 100$

= $94.24\% = 94\%$

87. Total no. of buildings constructed in Town Q over the given years

= $1250 + 1284 + 1320 + 1335 + 1396 + 1400 + 1450 = 9435$

88. Required percentage

= $1800 - 1750 \times 100 = 50 \times 100$

$1750 \ 1750$

= 2.85%

89. Difference = $(1280 + 1175) - (1190 + 1050) = 2455 - 2240 = 215$

90. Required percentage = $1650/1880 \times 100$

= 87.76%

91.

From both equation

$x = 7/12, y = 16/3$

$y > x$

92.

$xy + 3y + 2x + 6 = 12$

$2xy + 6y + 4x = 12$ ---- (i)

$2xy + 5y + 4x = 11$ ---- (ii)

From eq. (i) --- (ii)

$Y = 1$

From eq. (i)

$x = 1$

$x = y$ **93.**

$$(3x-2)/y = (3x+6)/(y+16)$$

$$48x-8y = 32 \text{ ---- (i)}$$

$$(x+2)/(y+4) = (x+5)/(y+10)$$

$$y = 2x \text{ ---- (ii)}$$

From Equation (i) & (ii)

$$x=1, y=2$$

$$y > x$$

94.

From the given Equation

$$x=1, -46$$

$$\& y=-2, 2$$

$$x \neq y$$

95.

From 1st equation

$$x^2-6x=0$$

$$x=0, 6$$

From 2nd equation

$$(y+4)(y-5)$$

$$y=-4, 5$$

$$x \neq y$$

96. Employees in teaching

$$= 26800 \times 15/100 = 4020$$

Employees in medical

$$= 26800 \times 27/100 = 7236$$

and employees in management

$$= 26800 \times 17/100 = 4556$$

As per the question,

Total employees in teaching and medical

$$= 4020 + 7236 = 11256$$

Now, difference between total employees in teaching and medical and total employees in management

$$= 11256 - 4556 = 6700$$

97. Total employees in management

$$= 26800 \times 17/100 = 268 \times 17 = 4556$$

Female employees

$$= 4556 \times \frac{3}{4} = 3417$$

Male employees

$$= 4556 - 3417 = 1139$$

98. Total employees in film production

$$= 26800 \times 19/100 = 5092$$

Number of employees went on strike

$$= 5092 \times 25/100 = 1273$$

Number of employees not go to strike

$$= 5092 - 1273 = 3819$$

99. Total employees in engineering

$$= 26800 \times 9/100 = 2412$$

Total employees in industries

$$= 26800 \times 13/100 = 3484$$

$$\text{Total employees in engineering and industries} = 2412 + 3484 = 5896$$

100. Total number of teachers

$$= 26800 \times 15/100 = 4020$$

Number of temporary teachers

$$= 4020 \times 3/5 = 2412$$

Number of permanent teachers

$$= 4020 - 2412 = 1608$$

English Language

- 101.** Replace 'many' with 'most' because 'many' is used with countable, 'most' with uncountable.
- 102.** Replace 'whom' with 'who'.
- 103.** Replace 'off' with 'of'. 'Off' is used to express separation/detachment whereas 'of' is used to establish or express a relation. For example, the dog jumped off the table (separation). He is off duty now. (Separation) He comes of a poor family (relation with poor family). He is brother of Ram (He is related to Ram).
- 104.** Replace 'taken' with 'take'.
- 105.** Replace 'the language locally' with 'the local language'.
- (Q. 111 - 115): B E A D F C**