



JADON'S SSC/BANK/RAILWAY



Paper Code : SSC TEST SERIES(E.M.)

Max. Time: 1 HOURS

TEST SERIES – (07-09-2019)

Max. Marks – 200

REASONING : (Analogy, classification odd one out)

Directions (Q. Nos. 1-20) In each of the following questions, there is some relationship between the two terms to the left of (:) or to the left of it is missing. This term is given as one of the alternatives given below each questions. Find out this term.

- Austria : Vienna
(a) Pakistan : Lahore (b) Egypt : Gairo
(c) USA : Orlando (d) Germany : London
- NEUROTIC : TICRONEU :: PSYCHOTIC : ?
(a) TICCOHPSY (b) TICOCHPSY
(c) TICCHOPSY (d) TICHCOPSY
- AZCX : BYDW :: HQJO : ?
(a) GREP (b) IPKM
(c) IPKN (d) GRJP
- ABCD : WXYZ :: EFGH : ?
(a) STUV (b) STOU
(c) STUE (d) TSUV
- CLOSE : DNRWJ :: OPEN : ?
(a) PRJO (b) RPJB
(c) PRHR (d) RZWR
- EGIK : LJHF :: STWY : ?
(a) ZXVT (b) TVXZ
(c) LNPR (d) MOQS
- ACEG : IKMO :: PRTV : ?
(a) QRUW (b) JLMP
(c) WXAC (d) XZBD
- AFHO : GBDJ :: CHFM : ?
(a) GBIM (b) GBLD
(c) GPLD (d) IDBH
- STBP : 1920216 :: MNGO : ?
(a) 1314715 (b) 1413715
(c) 5173141 (d) 31147 15
- SHOE : NCJZ :: REWA : ?
(a) WBJF (b) CITY
(c) CAYR (d) MZRV
- ACB : 6
(a) PNB : 09 (b) GEF : 18
(c) MNO : 11 (d) TUV : 07
- MGR : NTI
(a) BCD : EFG (b) JKR : KRP
(c) PCR : QRC (d) SPQ : HKJ

- FILM : ADGH :: MILK : ?
(a) HEGF (b) ADGF
(c) HDGF (d) HDGF
- HCM : FAK :: SGD : ?
(a) QEB (b) QIB
(c) ESQ (d) GES
- QPRS : TUWV :: JIKL : ?
(a) NMOP (b) NMPO (c) MNPO (d) MNOP
- 42 : 56 :: 110 : ?
(a) 132 (b) 136 (c) 124 (d) 148
- 5 : 100, 4 : 64 :: 4 : 80, 3 : ?
(a) 26 (b) 48 (c) 60 (d) 54
- WRITE : JEVGR :: WRONG : ?
(a) JEBAT (b) JECA (c) JEDAT (d) JEDAD
- TNGP : 2014716 :: LPDT : ?
(a) 2041612 (b) 1216204
(c) 2116420 (d) 1216420
- PST : 01 :: NPR : ?
(a) 3 (b) 4
(c) 1 (d) 7

Directions (21-25) : find the odd word /letters/ number/ figure from the given alternatives.

- (A) Equality (B) Democracy
(C) Justice (D) Liberty
- (A) 90 : 14 (B) 156 : 12
(C) 160 : 10 (D) 132 : 22
- (A) 7-18 (B) 9-26
(C) 11-30 (D) 13-42
- (A) H (B) I
(C) N (D) W
- (A) EFGH (B) WXYZ
(C) PRSQ (D) ABCD

G.K. : (Biology & Computer)

- Which of these is not an excretory organ.
(a) Intestine (b) Lungs
(c) Kidney (d) Thyroid
- Which is not true regarding kidney :-
(a) They do not have any capsule
(b) They are bean shaped and Reddish brown in colour.
(c) Each kidney is divided into two parts – cortex & medulla
(d) They are the main excretory organ.
- Accumulation & urea and other waste substance in the blood is called.

- (a) Hemodialysis (b) Cystitis
(c) Uremia (d) Urethritis
29. If a person undergoes a prolonged fasting then his urine will be found to contain higher levels of :-
(a) Fat (b) Glucose
(c) Amino acid (d) Ketones
30. Most of the reabsorption of salt and water occurs in the :-
(a) Distal convoluted tubule
(b) Loops of Henle
(c) Proximal convoluted tubule
(d) Collecting tubule
31. The term haematuria is used to describe :-
(a) Blood Cancer
(b) Presence of RBC in urine
(c) Internal bleeding
(d) Blood poisoning
32. Which part of the blood carries minerals, Vitamin Sugar and other food to the body's cells ?
(a) Plasma
(b) Platelets
(c) Monocyte
(d) Lymphocyte
33. A Respiratory pigment is absent in :-
(a) Earthworm (b) Frog
(c) Rabbit (d) Cockroach
34. Dub sound is produced during closure of :-
(a) Semilunar valve (b) Bicuspid valve
(c) Tricuspid valve (d) B & C
35. Blocking of Arteries is due to deposition of fats & Calcium is called :-
(a) Arteriosclerosis (b) Artherosclerosis
(c) Emphysema (d) Heart Syndrome
36. Blood of cockroach is called :-
(a) Haemocyanin
(b) Haemoglobin
(c) Haemolymph
(d) Haemolysis
37. Blood pressure is measured by :-
(a) E.C.G. (b) E.E.G.
(c) Barometer (d) Sphygmomanometer
38. Contraction of heart is known as ?
(a) Systole (b) Diastole
(c) Heart beat (d) Heart sound
39. Valve occur in :-
(a) Arteries, Veins, Atria
(b) Atria, Ventricles, Veins
(c) Atria, Ventricles, Arteries
(d) Arteries, Veins, SA node
40. Neugoglia cells support & Protect :-
(a) Muscle (b) Gland
(c) Neurone (d) Nephrons
41. A short gap in the myelin sheath around a nerve fiber is called :-
(a) Dendrite (b) Schwann cell
(c) Axon terminal (d) Node and Ranvier
42. Which portion of the brain is responsible for various emotions such as pleasure, fear and happiness :-
(a) Thalamus

- (b) Reticular formation
(c) Hypothalamus
(d) Limbic system
43. Which of the following does not act as a neurotransmitter ?
(a) Acetylcholine (b) Glutamic acid
(c) Epinephrine (d) Tyrosine
44. The disease caused by swelling of the membrane over spinal cord and brain is.
(A) leukemia (B) paralysis
(C) sclerosis (D) meningitis
45. Respiratory center is located in the :-
(a) Pneumotaxic center
(b) Medulla oblongata
(c) Alveoli
(d) Apneustic center
46. Which part is used to calculate and comparing of computer system?
(a) Disc Unit (b) Modem
(c) ALU (d) Control Unit
47. Which hardware device convert data to meaningful information?
(a) Processor (b) Input device
(c) Program (d) Protector
48. Major part of processor are.....
(a) ALU, Control Unit and RAM
(b) ALU, Control Unit and Register
(c) Cache, Control Unit and Register
(d) None of these
49. Which of the following control the movement of signals between CPU and I/O ?
(a) Control Unit (b) ALU
(c) Memory Unit (d) None of these
50. Which is the function of central processing unit of computer?
(a) Data Delete (b) Invoice Maker
(c) Calculating and Processing (d) None of these

MATH : (Number System & Algebra)

51. If $x^2 - 5y^2 = 1232$, how many pairs are possible for (x, y)
(a) 2 (b) 3
(c) 1 (d) 0
52. If a six digit number is formed by repeating a three digit number (e.g. 656656, 214214), then that number will be divisible by :
(a) Only 7 (b) Only 11
(c) Only 13 (d) 1001
53. Find the unit digit of expression
 $(922)^{111} - (328)^{113} - (156)^{123} - (229)^{111} - (124)^{29}$
(a) 1 (b) 4
(c) 5 (d) 2
54. Find the unit digit of expression
 $(823)^{933!} \times (777)^{223!} \times (838)^{123} \times (525)^{111!}$
(a) 0 (b) 1
(c) 2 (d) 3
55. Find the unit digit of expression
 $(232)^{123!} \times (353)^{124!} \times (424)^{124!}$
(a) 3 (b) 4
(c) 6 (d) 8

56. Find the unit digit in the expression :
 $(1!)^1 + (2!)^2 + (3!)^3 + \dots + (100!)^{100}$
 (a) 3 (b) 4
 (c) 7 (d) 8
57. Find the no. of zeros in expression :
 $1 \times 2 \times 3 \times 4 \dots \times 500$
 (a) 124 (b) 125
 (c) 130 (d) 135
58. Find the number of zeroes in the product of
 $(5 \times 10 \times 25 \times 40 \times 50 \times 55 \times 65 \times 125 \times 80)$
 (a) 13 (b) 9
 (c) 4 (d) 5
59. Find the no. of zeros in expression:
 $(8^{253} - 8^{252} - 8^{251})(3^{221} - 3^{220} - 3^{219})$
 (a) 1 (b) 2
 (c) 3 (d) 0
60. Find the remainder in expression—
 $\frac{1001 \times 1002 \times 1003 \times 1004}{27}$
 (a) 10 (b) 11
 (c) 2 (d) 12
61. Find the remainder in expression—
 $\frac{1235 \times 1237 \times 1239}{12}$
 (a) 3 (b) 6
 (c) 9 (d) 12
62. Find the remainder in expression—
 $\frac{2581 \times (2862)^2 \times (2873)^3}{23}$
 (a) 21 (b) 2
 (c) 9 (d) 12
63. Find the remainder in expression—
 $\frac{1^{1^1} + 2^{2^2} + 3^{3^3} + \dots + 100^{100}}{5}$
 (a) 1 (b) 2
 (c) 3 (d) 4
64. Find the remainder when $(3)^{555}$ is divided by 7.
 (a) 2 (b) 4
 (c) 5 (d) 6
65. Find the remainder when $4^{5678910}$ is divided by 6.
 (a) 2 (b) 3
 (c) 4 (d) 5
66. Find the remainder when 2^{3212} is divided 6.
 (a) 0 (b) 5
 (c) 4 (d) 2
67. When a number is divided by 56, the remainder obtained is 29. What will be the remainder when the number is divided by 8?
 (a) 4 (b) 5
 (c) 3 (d) 7
68. A number when divided successively by 4 and 5 leaves remainders 1 and 4 respectively. When it is successively divided by 5 and 4 the respective remainders will be
 (a) 4, 1 (b) 3, 2
 (c) 2, 3 (d) 1, 3
69. 'Zero' is –
 (a) odd number
 (b) even number
 (c) Both odd & even
 (d) Neither odd nor even
70. 'One' is
 (a) prime number

- (b) composite number
 (c) Both (a) and (b)
 (d) Neither (a) nor (b)
71. If $x = 7 - 4\sqrt{3}$, then the value of $\left(x + \frac{1}{x}\right)$ is :
 (A) $3\sqrt{3}$ (B) $8\sqrt{3}$
 (C) $14 + 8\sqrt{3}$ (D) 14
72. If $\frac{144}{0.144} = \frac{14.4}{x}$, then the value of x is
 (A) 144 (B) 14.4
 (C) 1.44 (D) 0.0144
73. If [p] means the greatest positive integer less than or equal to p, then $\left[-\frac{1}{4}\right] + \left[4 - \frac{1}{4}\right] + [3]$ is equal to
 (A) 4 (B) 5
 (C) 6 (D) 7
74. If for non-zero, x , $x^2 - 4x - 1 = 0$, the value of $x^2 + \frac{1}{x^2}$ is
 (A) 4 (B) 10
 (C) 12 (D) 18
75. If $(125)^x = 3125$, then the value of x is
 (A) $\frac{1}{5}$ (B) $\frac{3}{5}$
 (C) $\frac{5}{3}$ (D) $\frac{5}{7}$

ENGLISH : (Noun, Pronoun & Comprehension)

- Directions (76–85):** Some parts of the sentences have errors and some are correct. Find out which part of a sentence has an error and blacken the oval [●] corresponding to the appropriate letter (A, B, C). If a sentence is free from error, blacken the oval corresponding to (D) in the Answer Sheet.
76. Custom is (1)/paid on goods (2)/imported from (3)/other countries. (4)
77. His company is (1)/one of the few company (2)/manufacturing this product (3)/in the whole country. (4)
78. One of my most (1)/widely spread (2)/bad habit (3)/is the use of tobacco. (4)
79. Sunrise (1)/is a (2)/great (3)/phenomena (4)
80. Hundreds of (1)/passer-bys (2)/stopped at (3)/the place of accident. (4)
81. With the literacy rates in this (1)/ region as low as ten percent (2)/ we need to encourage (3)/local people to build schools. (4)
82. Three conditions critical (1)/for growing plants are soil, temperature, chemical balance (2)/ or amount of moisture. (3)/No error (4)
83. The committee will discuss (1)/the draft in detail (2)/and will make suggestions for the (3)/proper implementing the scheme. (4)
84. Airline managements should note (1)/ that the ultimate passenger unfriendliness (2)/is to have their planes crash (3)/due to the adopted of unsafe procedures. (4)
85. The award ceremony ended (1)/on a note of good cheer (2)/with audiences responding warmly (3)/ to its line up of film. (4)
- Directions :** In Question Nos. 86 to 88, out of the four alternatives, choose the one which best expresses the meaning of the given word and mark it in the Answer Sheet.

86. SOLITUDE

- (A) musical composition (B) aloneness
(C) true statement (D) single mindedness

87. PROPITIOUS

- (A) favourable (B) clean
(C) nearby (D) patriotic

88. RECTITUDE

- (A) duplication (B) integrity
(C) rectification (D) recovery

Directions : In Question Nos. 89 to 93, out of the four alternatives, choose the one which opposite the meaning of the given word and mark it in the Answer Sheet.

89. Fatigued

- (A) Weakened (B) Energised
(C) Tired (D) Activated

90. Autonomy

- (A) Slavery (B) Subjection
(C) Dependence (D) Submissiveness

91. Flexible

- (A) Rigid (B) Cruel
(C) Humble (D) Easy

92. Suppress

- (A) Stir up (B) Rouse
(C) Urge (D) Incite

93. Barbarous

- (A) Improved (B) Cordial
(C) Civilized (D) Modified

Directions (94–96) : In question No. 94 to 96, a sentence/a part of the sentence is underlined. Below are given alternatives to the underlined part at (A), (B), (C) which may improve the sentence. Choose the correct alternative. In case no improvement is needed your answer is (D). Mark your answer in the Answer Sheet.

94. By temperament the English are reserved, so they prefer to live in solitary houses.

- (A) english
(B) English people
(C) Some English
(D) No improvement

95. Last evening I went to the optician and bought spectacles.

- (A) a spectacle (B) two spectacles
(C) a pair of spectacles (D) No improvement

96. There is a dearth of woman doctor in our state. We shall have to reruit some from the other states.

- (A) women doctor (B) woman doctors
(C) women doctors (D) No improvements

Directions: In question No. 97 to 100, you have a passage with 8 questions following each passage. Read the passage carefully and choose the best answer to each question out of the four alternatives and mark it by blackening the appropriate oval [●] in the Answer Sheet.

The education system is breeding more and more frustration among both students and teachers. And yet no one seems too clear about what can be done to make it more meaningful. Many reforms have been discussed at length but have come to nothing for one reason or another. The authorities are now peddling the idea of autonomous colleges as a means of toning up teaching standards. They argue that by allowing certain colleges to introduce their own courses,

to hold seminars, and above all, to evolve their own method of deal. Indeed they made out that such colleges will have a free hand in nearly everything except granting degrees. In theory, all this sounds attractive enough. But there is little to show that the managements concerned are keen on such reforms. Even today, nothing prevents a college from inviting guest speakers on specialised subjects or holding courses in English for vernacular students. But not a single one of those who are now clamouring for autonomy has bothered to do so. It is so secret that colleges which may be 'freed' to an extent from university control are highly elitist. In Bombay, for example, there is a big cultural gulf between city colleges and suburban colleges. If some of the former are now given a degree of autonomy, it will only heighten this disparity.

The answer to the vexed problem of declining standards in higher education does not lie in encouraging the growth of 'model' institutions but in improving overall standards. This is of course easier said than done, since more young people are seeking degrees. The only solution, however unpalatable it may sound, is to drastically reduce the number of those who are admitted to colleges. Even though there is political pressure on many State Governments to build colleges and to reserve more seats for backward classes, it will be sheer folly to expand such facilities recklessly without giving any thought to the quality of education imparted. If admissions are made far more selective, it will automatically reduce the number of entrants. This short apply particularly to new colleges, many of which are little more than degree factories. Only then can the authorities hope to bring down the teacher – student ratio to manageable proportions. What is more, teachers should be given refresher courses every summer vacation to brush up their knowledge. Besides, if college managements increase the library budget it will help both the staff and the students a great deal. At the same time, however, it will be unfair to deny college education to thousands of young men and women unless employers stop insisting on degrees even for clerical jobs. For a start, why can't the Government disqualify graduates from securing certain jobs-say Class III and Class IV posts? Once the link between degrees and jobs is severed at least in some important departments, it will make young people think twice before joining college.

97. The author's attitude is

- (A) cynical (B) optimistic
(C) critical (D) conservative

98. The author does believe that

- (A) colleges have the capacity to develop courses
(B) colleges have the expertise for assessment
(C) some colleges are only degree factories
(D) college managements are really keen on reforms

99. The author's chief concern seems to be

- (A) frustration among students
(B) standard of education
(C) delinking of degrees and jobs
(D) autonomy to colleges

100. To which of the following does the author give precedence?

- (A) increasing library facilities
(B) holding refresher courses for teacher
(C) abolishing reservation for backward classe
(D) stopping the opning new colleges