

**SSC MTS : Practice Set**  
**Reasoning Ability**

**Directions (1-4):** Find the odd word/letters/ number from the given alternatives.

1. (a) Constraint (b) Annoyance  
(c) Impotence (d) Debility
2. (a) Decree (b) Commandment  
(c) Entreaty (d) Fiat
3. (a) 636 (b) 749 (c) 525 (d) 418
4. (a) PSKH (b) BTYG  
(c) LCKX (d) DNWM
5. If A = 2, CAT = 48 then AGE = ?  
(a) 34 (b) 26 (c) 39 (d) 36

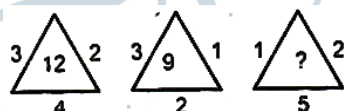
**Directions (6-7):** Select the missing number from the given responses.

6.

4	2	3	2
2	1	1	3
1	3	?	1
6	9	8	5

- (a) 2 (b) 3 (c) 5 (d) 4

7.



- (a) 7 (b) 11 (c) 10 (d) 9

8. Rohit started from point X and traveled forward 6 km. up to point Y then turned toward left and traveled 4 km. up to point Z then turned right and traveled 5 km. up to point A and then turned toward right and traveled 4 km. up to point B. what is the distance between point B and X?  
(a) 5 (b) 11 (c) 6 (d) 10

9. Find out the set of number amongst the four sets of numbers given in the alternatives which is similar to the set given in question  
Given set (8, 48, 96)

- (a) (5, 30, 56) (b) (8, 40, 80)  
(c) (6, 36, 70) (d) (5, 30, 60)

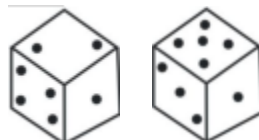
10. Which one of the following responses would be a meaningful order of the given words?

1. Actor and Actress 2. Shooting  
3. Script 4. Film

5. Producer and Director

- (a) 3, 5, 1, 2, 4 (b) 4, 5, 2, 3, 1  
(c) 1, 5, 3, 2, 4 (d) 5, 1, 2, 3, 4

11. Two positions of a cube are shown below. When the number 4 will be at the bottom, then which number will be at the top ?



- (a) 3 (b) 5  
(c) 6 (d) none of these

**Directions (12-16):** Select the related letters/ word/ number from the given alternatives.

12. Nerd : ? Happy : : Loath

- (a) Sin (b) Dunce  
(c) Transgress (d) Jeer

13. Scoff : Flout :: Eulogy : ?

- (a) Squib (b) Apotheosis  
(c) Idol (d) Encomium

14. 24:16 :: 52 : ?

- (a) 18 (b) 20 (c) 16 (d) 14

15. BZ : AY :: LN : ?

- (a) NO (b) MM (c) MO (d) OM

16. Which set of letters when sequentially placed at the gaps in the given letters series shall complete it?

c\_bbb\_ \_ abbbb \_ abbbb

- (a) aabc (b) abcc (c) abac (d) bacb

**Directions (17-18):** A series is given with one/two term missing. Choose the correct alternative from the given options that will complete the series.

17. 320, 325, ?, 335, 340

- (a) 440 (b) 410 (c) 330 (d) 360

18. Y, W, T, P, K, E, X, ?, -

- (a) G, H (b) P, G (c) R, G (d) S, R

19. If sign '-' means '+' sign '+' means '-', sign 'x' means '÷' and sign '÷' means 'x' then simplify-

$$7 - 8 \times 5 \div 6 + 4$$

- (a) 3 (b) 12 (c)  $12\frac{3}{5}$  (d)  $48/5$

20. If 30<sup>th</sup> January 2013 was Thursday, what was the day on 2nd March 2013?

- (a) Tuesday (b) Thursday  
(c) Saturday (d) Sunday

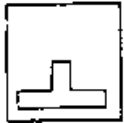
21. From the given alternate words, select the one which cannot be formed using the letters of the given word?

**EXAMINATION**

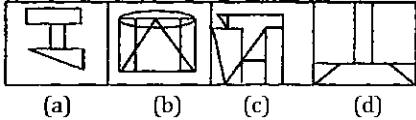
- (a) EXAMINE (b) NATION  
(c) NOTE (d) TONE

22. From the given answer figures, select the figure in which the question figure is hidden/embedded

### Question figure

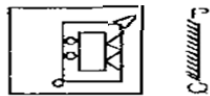


### Answer figure

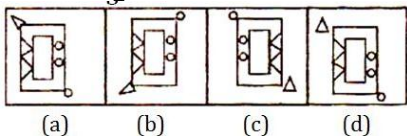


23. Which of the following figure is the correct mirror image of the given figure?

### Question figure

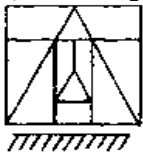


### Answer figure



24. What will be the water image of the question figure.

### Question figure



26. On dividing a number by 13, we get 1 as remainder. If the quotient is divided by 5, we get 3 as a remainder. If this number is divided by 65, what will be the remainder?

(a) 40 (b) 18 (c) 28 (d) 16

27.  $2\sqrt{3} - \sqrt{3} - 3\sqrt{3} + \sqrt{12}$  is equal to-

(a) 1 (b)  $5\sqrt{3}$  (c)  $6\sqrt{3}$  (d) 0

28. The number of boys and girls in the college are in the ratio 3 : 2. If 20% of the boys and 25% of the girls are adults, then the percentage of the students who are minor-

(a) 82.5% (b) 76% (c) 67.5% (d) 78%

29. The value of  $(\sin 76^\circ \cos 16^\circ - \cos 76^\circ \sin 16^\circ)$  is -

(a)  $\frac{1}{2}$  (b)  $\frac{\sqrt{3}}{2}$  (c) 0% (d) -1

30.  $(1 - \sin^2 \alpha) \tan^2 \alpha$  is equal to -

(a)  $\cos^2 \alpha$  (b)  $\tan \alpha$  (c)  $\sin^2 \alpha$  (d)  $\cos \alpha$

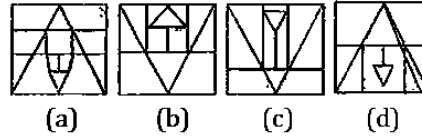
31. The angles of depression of two ships from the top of the light house are  $45^\circ$  and  $30^\circ$  towards east. If the ships are 100 m. apart, then the height of the light house is-

(a)  $\frac{50}{\sqrt{3}+1}$  m (b)  $\frac{50}{\sqrt{3}-1}$  m  
(c)  $50(\sqrt{3}-1)$  m (d)  $50(\sqrt{3}+1)$  m

32. The ratio of an interior angle to the exterior angle of a regular polygon is 7:2. The number of sides of the polygon is-

(a) 6 (b) 9 (c) 7 (d) 8

### Answer figure



25. In the following question, a word is represented by only one set of number as given in any one of the alternative. The set of number given in the alternatives are represented by two classes of alphabets as in two matrices given below. The columns and rows Matrix - I are numbered from 0 to 4 and that of Matrix - II are numbered from 5 to 8. A letter from these Matrix is to be represented first by its row and then by its column, e.g. 'T' can be represented by 12, 21, 43 etc. and 55, 66, 77 etc. What is the code of 'WALK'?

Matrix - I					Matrix - II				
0	1	2	3	4		5	6	7	8
1	W	T	O	M	5	R	A	L	K
2	T	W	M	O	6	A	R	K	L
3	O	M	W	T	7	K	L	R	A
4	M	O	T	W	8	L	K	A	R

(a) 34, 56, 77, 68

(b) 44, 65, 76, 75

(c) 47, 56, 67, 57

(d) 42, 78, 85, 72

## QUANTITATIVE APTITUDE

33. ABC is a triangle and DE is drawn parallel to BC cutting other sides of D and E. If AB = 3.6 cm. AC = 2.4 cm and AD = 2.1 cm then AE is equal to

(a) 1.4 cm (b) 1.8 cm  
(c) 1.2 cm (d) 1.05 cm

34. If the triangles ABC and DEF,  $\angle A$  is equal to  $\angle E$ , both are equal to  $40^\circ$ , AB : ED = AC : EF and  $\angle F$  is  $65^\circ$ , then angle B is -

(a)  $35^\circ$  (b)  $65^\circ$  (c)  $75^\circ$  (d)  $85^\circ$

35. In a right angled  $\triangle ABC$ , right angled at A. if  $AD \perp BC$  such that AD = p. If BC = a, CA = b and AB = c, then

(a)  $\frac{1}{p^2} = \frac{1}{b^2} + \frac{1}{c^2}$  (b)  $p^2 = b^2 + c^2$

(c)  $\frac{p}{a} = \frac{p}{b}$  (d)  $p^2 = b^2 c^2$

36. X sells a TV to Y at the gain of 10% and Y sells it to Z at a loss of 10% if Z pays Rs. 9900 to Y. then the cost price of the TV for X is -

(a) Rs. 9900 (b) Rs. 10000  
(c) Rs. 11000 (d) None of these

37. Rs. 7500 is borrowed at compound interest at the rate of 2% for the first year, 4% for the second year and 5% for the third year. The amount paid after 3 years will be -

(a) Rs. 8432 (b) Rs. 8520.20  
(c) Rs. 8235 (d) Rs. 8353.80

38. The sum of radius of the base of a solid cylinder and the height of the cylinder is 15 cm. If the total

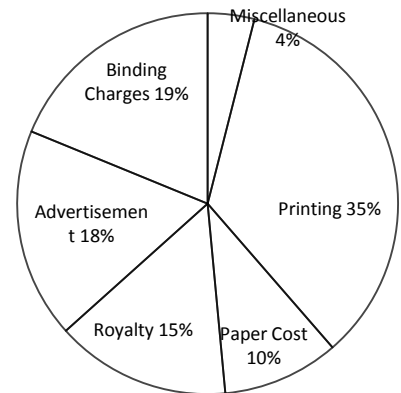
surface area of the cylinder is  $660 \text{ cm}^2$  then find the volume of the cylinder

- (a)  $1232 \text{ cm}^3$  (b)  $1296 \text{ cm}^3$   
(c)  $1256 \text{ cm}^3$  (d) None of these
39. If  $2^x = 4^y = 8^z$  and  $\frac{1}{2x} + \frac{1}{4y} + \frac{1}{4z} = 4$  then the value of x is –  
(a)  $\frac{7}{16}$  (b)  $\frac{7}{48}$   
(c)  $\frac{7}{32}$  (d) None of these
40. Find the HCF of  $(4x^3 + 3x^2y - 9xy^2 + 2y^3)$  and  $(x^2 + xy - 2y^2)$  –  
(a)  $(x - 2y)$  (b)  $(x - y)$   
(c)  $(x + 2y)(x - y)$  (d)  $(x - 2y)(x - y)$
41. If all the edges of a rectangular prism are doubled and its shape is left unchanged, then its volume becomes –  
(a) 2 times (b) 3 times  
(c) 4 times (d) 8 times
42. A train 270 m long is moving at a speed of 25 km/hr. How much time it will take to cross a man coming from the opposite direction at a speed of 2 km/hr. in –  
(a) 28 sec. (b) 24 sec  
(c) 32 sec (d) 36 sec.
43. Find the values of k for which  $9x^2 + kx + 1 = 0$  has both equal roots.  
(a)  $\pm 6$  (b)  $\pm 4$   
(c)  $\pm 3$  (d)  $\pm 2$
44. A family consists of two grandparents, two parents and three children. The average age of the grandparents is 67 years, that of the parents is 35 years and that of the children is 6 years. What is the average age of the family?  
(a)  $28\frac{4}{7}$  years (b)  $31\frac{5}{7}$  years  
(c)  $32\frac{4}{7}$  years (d) None of these
45. P can complete a work in 12 days working 8 hours a day. Q can complete the same work in 8 days working 10 hours a day. If both P and Q work together working 8 hours a day. In how many days can they complete the work?

- (a)  $5\frac{5}{11}$  (b)  $5\frac{6}{11}$  (c)  $6\frac{8}{11}$  (d)  $6\frac{6}{11}$

46. An aeroplane covers a certain distance at a speed of 240 kmph in 5 hours. To cover the same distance in  $1\frac{2}{3}$  hours, it must travel at a speed of:  
(a) 300 kmph (b) 360 kmph  
(c) 600 kmph (d) 720 kmph
47. The perimeter of an isosceles, right-angled triangle is  $2p$  unit. The area of the same triangle is:  
(a)  $(3 - 2\sqrt{2})p^2$  sq. unit (b)  $(2 + \sqrt{2})p^2$  sq. unit  
(c)  $(2 - \sqrt{2})p^2$  sq. unit (d)  $(3 - \sqrt{2})p^2$  sq. unit
48. An article is sold at a certain price. By selling it at  $\frac{2}{3}$  of the price one loses 10% the gain percent original price is  
(a)  $33\frac{1}{3}\%$  (b) 35% (c) 40% (d) 20%

**Directions (49-50):** The pie chart given here shows various expenses of a publisher in the production and sale of a book. Study the chart and answer these questions based on it.



49. Miscellaneous expenses are what percent of paper cost?  
(a) 30% (b) 40%  
(c) 20% (d) None of these
50. If the printing cost is Rs. 17500 then 'Royalty' paid is  
(a) Rs. 7500 (b) Rs. 3500  
(c) Rs. 5500 (d) Rs. 6700

### English Language

**Directions (51-55):** In these questions, four alternatives are given for the idiom/phrase given in **bold** in the sentence. Choose the alternative which best expresses the meaning of the idiom/phrase given in **bold**.

51. Gangland matriarch **cut a sorry figure** when she was introduced in the class.  
(a) Said sorry  
(b) Create poor impression  
(c) Made a mistake  
(d) Cut the queue
52. One should check the insurance company **to the backbone**

- (a) Check thoroughly  
(b) Check medical records  
(c) Check balance  
(d) Check policies

53. Russian arts are used to train both the police force and army in **hand to hand** combat.  
(a) Shake hands (b) Held meetings  
(c) Share strategies (d) A close fight
54. Former captain denies **hush money** accusations.  
(a) Money for secret work  
(b) Money given as gift  
(c) Money given a bribe  
(d) Money for social cause

55. We didn't really want that particular hotel, but it was a case of **Hobson's choice**.

- (a) Easy choice (b) Difficult choice  
(c) No choice at all (d) Good choice

**Directions (56-58):** In these questions, out of the four alternatives, choose the one which best expresses the **meaning** of the word given in **bold**.

56. **Skyjack**

- (a) Hijack (b) Liberate  
(c) Dissuade (d) Disenchant

57. **Quaint**

- (a) Conventional (b) Modern  
(c) Antiquated (d) Serious

58. **Tantamount**

- (a) Different (b) Polar  
(c) Equivalent (d) Tantalize

**Directions (59-61):** In these questions, choose the word **opposite** in meaning to the word given in **bold**.

59. **Callous**

- (a) Compassionate (b) Cauterize  
(c) Pachydermatous (d) Indurate

60. **Jaundiced**

- (a) Icteric (b) Yellow  
(c) Naïve (d) Good health

61. **Transient**

- (a) Fugacious (b) Passing  
(c) Ephemeral (d) Perpetual

**Directions (62-68):** In the following questions, out of the four alternatives choose the one which can be substituted for the given words/sentence.

62. A man having qualities of a woman

- (a) Epicene (b) Womanist  
(c) Effeminate (d) Feminine

63. That which cannot be satisfied

- (a) Greedy (b) Insatiable  
(c) Demanding (d) Unappeasable

64. Room for washing kitchen utensils

- (a) Scullery (b) Kitchenette  
(c) Mess (d) Caboose

65. Science of Human beauty

- (a) Aetiology (b) Hygiene  
(c) Genealogy (d) Kalology

66. Producing a lot of books or other things

- (a) Prolific (b) Fertile  
(c) Bountiful (d) Yielding

67. A group of talkative girls

- (a) Legion (b) Bevy  
(c) Gaggle (d) Hoi polloi

68. Government by rich and powerful class

- (a) Bureaucracy (b) Oligarchy  
(c) Aristocracy (d) Plutocracy

**Directions (69-70):** In these questions, four words are given out of which only one is **correctly spelt**. Find that **correctly spelt** word.

69.

- (a) Supercilious (b) Supercillious  
(c) Supercileous (d) Superceilious

70.

- (a) Rehabillitation (b) Rehabilitaton  
(c) Rehabilietion (d) Rehabilitation

**Directions: (71-75):** In these questions, sentences are given with blanks to be filled in with an appropriate word(s). Four alternatives are suggested for each question. Choose the correct alternative out of the four alternatives.

71. Pandit Nehru came \_\_\_\_\_ a rich family.

- (a) From (b) Of (c) With (d) In

72. He found the house \_\_\_\_\_

- (a) Easy (b) Simply  
(c) Easily (d) Nearly

73. Mother has given me \_\_\_\_\_ a lot; I don't think I can eat so much.

- (a) Fairly (b) Rather  
(c) Much (d) Many

74. He will \_\_\_\_\_ fail in the exams because he doesn't study at all.

- (a) Almost (b) Hardly  
(c) Certainly (d) Mostly

75. He has \_\_\_\_\_ much to stand properly

- (a) Drink (b) Drunken  
(c) Drunk (d) Drank

**Directions: (76-80):** In these questions, read each sentence to find out whether there is any 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 (D). (Ignore errors of Punctuation, if any.)

76. The prime minister said that his party would not repeat the mistakes done by the previous government

- (a) The prime minister said  
(b) that his party would not  
(c) repeat the mistakes done by the previous government  
(d) No Error

77. I wished I was a king of Saudi Arabia.

- (a) I wished (b) I was a king  
(c) of Saudi Arabia (d) No Error

78. I have not saw such a beautiful city as Paris

- (a) I have not saw (b) such a beautiful city  
(c) as Paris (d) No Error

79. Some people are not fortunater than he

- (a) Some people are (b) not fortunater  
(c) than he (d) No Error

80. Your over dependent on others even for trivial matters may prove disadvantageous

- (a) Your over dependent  
(b) on others even for  
(c) trivial matters may prove disadvantageous  
(d) No Error

**Directions: (81-90):** In these questions, a sentence or a part of sentence is underlined. Below are given alternatives to the underlined part which may improve the sentence. Choose the correct alternative. In case no improvement is needed, your answer is (D).



81. The new assignment is more challenging than **much** of the earlier assignment  
 (a) Most other (b) Mostly other  
 (c) Much other (d) No Improvement
82. He is one of the **wiser** men  
 (a) More wiser (b) Most wiser  
 (c) Wisest (d) No Improvement
83. The pen is **mighty then** the sword  
 (a) Mightly then (b) Powerful then  
 (c) Mightier than (d) No Improvement
84. Billiards **are played** by me during my free time  
 (a) Is played (b) Was playing  
 (c) Were played (d) No Improvement
85. "Do you remember his address? I **don't suspect** so."  
 (a) Didn't think (b) Don't think  
 (c) Might thing (d) No Improvement
86. I prefer **to walk than to drive**  
 (a) Walking to driving  
 (b) Walking than driving  
 (c) Driving to walking  
 (d) No Improvement
87. Two women were **knocked down** by a speeding truck  
 (a) Turned down (b) Pulled down  
 (c) Brought down (d) No Improvement
88. The **underlining** assumption is that the amount of funds available is limited  
 (a) Underwhelming (b) Underlying  
 (c) Undermining (d) No Improvement
89. The department has been running the programmes **since the past two years**  
 (a) From the past two years  
 (b) For the past two years  
 (c) For the two years  
 (d) No Improvement
90. By way **to introduce** he made some pertinent remarks  
 (a) Of introduction (b) Of introducing  
 (c) To introducing (d) No Improvement

**Directions (91-95):** In the following questions, you have four brief passages with 5 questions following each passage. Read the passages carefully and choose the best answer to each question out of the four alternatives.

Galileo Galilei was born in the year 1564. He was born in the town of Pisa, in what is now Italy. When he was 20 years old, he was studying in Pisa. His father wanted him to be a doctor. Galileo was bored with school. The only subject he really liked was math.

Because he was doing well in math, the court mathematician offered to tutor him privately. He said he could become a qualified mathematician. Galileo's father was disappointed, but he agreed. Because he needed to earn money, Galileo began experimenting with different things. He tried to come up with an invention he could sell for money. He had some success with one invention. It was like a compass that could be used to measure land.

He experimented with pendulums, thermometers, and magnets. He heard that a Dutch inventor had invented something called a spyglass. The inventor was trying to keep it a secret. Galileo decided to work on one of his own. Within 24 hours, he had invented a telescope. It could magnify things to make them appear ten times larger than real life. One night, he pointed his telescope toward the sky. He made his first of many space observations. Everyone thought the moon was smooth. Galileo saw that it wasn't. The moon was covered in bumps and craters.

As technology has improved, Galileo and many others have made improvements on the telescope. Today, the telescope is a wonderful device that lets us see objects far, far away.

91. Galileo's father was disappointed when he became a mathematician. What did he want him to be instead?  
 (a) A writer (b) An astronaut  
 (c) A Doctor (d) An artist
92. Why did Galileo become an inventor?  
 (a) He was intelligent  
 (b) He was interested  
 (c) He wanted to make a name  
 (d) He wanted money
93. Where did Galileo get the idea for his telescope?<sup>TM</sup>  
 (a) from an inventor who made a spyglass  
 (b) from an inventor who made a microscope  
 (c) from an inventor who made a electroscope  
 (d) from an inventor who made a pendulum
94. What did Galileo discover about the moon?  
 (a) It was smooth, but had bumps and craters  
 (b) It was not smooth, but had bumps and craters.  
 (c) It was not smooth, but did not have bumps and craters  
 (d) It was smooth, but had bumps and no craters
95. Telescope is a wonderful device that lets us see objects  
 (a) Near by (b) Very microscopic  
 (c) Far, far away (d) Other universe

**Directions (96-100):** In the following questions, you have four brief passages with 5 questions following each passage. Read the passages carefully and choose the best answer to each question out of the four alternatives.

People are very social animals. We need to talk with and do things with other people. We often understand ourselves better when we discuss our opinions, emotions and activities with other people. We need to make meaningful connections with friends and family. These connections help us put aside our frustrations and worries. We can focus on things that are important: the people we care about.

Your local community is the area near your home. It's where you work, play and go to school. It is the neighbourhood where your family makes connections with other people. It's the places you feel like you belong.

Communities grow and change over time. Families move from one city to another because of work or family situations. Older adults often move to smaller homes or vacation areas after their children have grown up. Their children move out to start families of their own. New families move in when others leave.

Basic services, such as police, fire, post office, health and public schools are in almost every community. Businesses provide services to the community, too. Stores sell things that people need. Restaurants sell prepared food. Offices provide a variety of skilled work.

The local city government is usually an elected mayor and city council. It is their job to listen to the people of the community and help them connect. Some individuals may move on, but the community remains.

96. What is a local community?

- (a) Area near your school
- (b) Area near grocery store
- (c) Area near local train
- (d) Area near your home

97. Which of the following is not a public service that a community offers to the people who live there?

- (a) Police
- (b) Movie hall
- (c) Post office
- (d) Hospitals

98. What is a feature of a community?

- (a) Communities are permanent
- (b) Communities change over time
- (c) Communities serve only few families
- (d) Communities cannot fulfil basic services of the local

99. Who runs a local community?

- (a) Municipality
- (b) State Government
- (c) Municipal corporation
- (d) Local City Government

100. How does connections with people help us?

- (a) They help us understand the world
- (b) They help us learn things
- (c) They help us put aside our frustrations and worries.
- (d) They help us live happily

### General Awareness

101. What, according to Max Weber is the characteristic feature of bureaucracy?

- (a) It represents the will of the leader
- (b) It is based on rational-legal authority
- (c) It is based on inherited status
- (d) It is based on moral authority

102. Which of the following is not agency of political socialization?

- (a) Students union elections
- (b) Trade unionism
- (c) Self-help groups
- (d) Modern technology

103. Consider the following statements regarding Sanskritization

- 1. It involves a change in the way of life of a lower caste.
- 2. It does not lead to a structural change in the system.
- 3. Even though limited in nature it leads to a more egalitarian social order.

Which of the statements given above is/are correct?

- (a) 1 only
- (b) 1 and 2
- (c) 3 only
- (d) 1, 2 and 3

104. Which one of the following Indian States took the progressive initiative of first launching the Employment Guarantee Scheme?

- (a) Maharashtra
- (b) Tamil Nadu
- (c) Gujarat
- (d) Manipur

105. Which one of the following is the significant factor of population that determines the level of births and death?

- (a) Sex composition
- (b) Rate of fertility

- (c) Age composition
- (d) Rate of mortality

106. Which among the following is not a basic element of capitalist economy?

- (a) Private ownership
- (b) Profit maximization
- (c) Capital accumulation
- (d) Creation of public wealth

107. For Weber, capitalism is not related to

- (a) A religious commitment of self
- (b) Belief in Calvinist principles
- (c) Upper class values
- (d) This asceticism

108. Bringing Green Revolution to eastern India is a sub scheme of

- (a) National Mission on Agriculture Extension and Technology
- (b) National Mission for sustainable agriculture
- (c) Rashtriya Krishi Vikas Yojana
- (d) It is not a sub scheme

109. The objective of the Green energy Corridor is to

- (a) Create special industrial zones which will be powered by renewable energy.
- (b) Fund geothermal based energy projects.
- (c) Facilitate the flow of renewable energy into the national power grid.
- (d) Create a special solar power grid.

110. International Development Association (IDA) is called the 'soft' window of the World Bank (WB) because

- (a) It lends for software and IT development
- (b) Taking loans from it is very easy
- (c) Its loans are interest free
- (d) Its loan are of very high interest rate

111. People went for a job in a company. The company told them that while there is a vacancy, none of them possess the skill required for the job. What kind of unemployment would this be called?  
 (a) Disguised unemployment  
 (b) Structural unemployment  
 (c) Cyclical unemployment  
 (d) Frictional unemployment
112. Twin deficit in an economy means  
 (a) High current account deficit and high fiscal deficit.  
 (b) High capital account deficit and high fiscal deficit.  
 (c) High current account deficit and high capital account deficit.  
 (d) High budget deficit and high fiscal deficit.
113. In the order of precedence, the speaker has an equal rank to  
 (a) Vice-President  
 (b) Prime Minister  
 (c) Cabinet Ministers  
 (d) Chief Justice of India.
114. Consider an ordinary bill that originated in the legislative assembly and is sent to the legislative council. If the council rejects the bill then  
 (a) A joint sitting is called.  
 (b) The bill ends and becomes dead  
 (c) Legislative assembly passes the bill for the second time.  
 (d) None of the above
115. On a question whether a member of parliament (MP) is subject to any of the disqualification under Representation of People's Act, 1951 whose decision is final?  
 (a) President  
 (b) High Court  
 (c) Supreme Court  
 (d) Election Commission of India
116. India has Kalapani and Susta territorial dispute with  
 (a) Bangladesh (b) Bhutan  
 (c) Nepal (d) Myanmar
117. Which of the following is not one of the official languages mentioned in the 8th Schedule?  
 (a) Persian (b) Sanskrit  
 (c) Kashmiri (d) Nepali
118. Which of the following writs literally means 'We Command'?  
 (a) Habeas Corpus (b) Mandamus  
 (c) Quo Warranto (d) Certiorari
119. 4th council at Kashmir of Buddha in 72AD patronage by  
 (a) Ashoka (b) Ajatsatru  
 (c) Kanishka (d) Kalashoka
120. The objective of the Public Safety bill, 1928 was to  
 (a) Provide security to people.  
 (b) Eradication of diseases.  
 (c) Regulate hazardous industries.  
 (d) Curb the activities of communist
121. The Shimla Conference was called to discuss  
 (a) Rajaji formula  
 (b) Wavell Plan  
 (c) Cabinet mission plan  
 (d) Dickie bird plan
122. The British government sent the Cripps Mission in 1942 to:  
 (a) Provide for India's independence.  
 (b) Secure cooperation of Indians in Second World War.  
 (c) Help Indians frame a constitution.  
 (d) None of the above
123. Which of these empowered the Constituent Assembly of India to frame and adopt any constitution of its choice?  
 (a) Cripps Mission  
 (b) Simon Commission  
 (c) Indian Independence Act, 1947  
 (d) Cabinet Mission Plan
124. Rabindranath Tagore's 'Jana Gana Mana' has been adopted as India's National Anthem. How many stanzas of the said song were adopted?  
 (a) Only the first stanza  
 (b) The whole song  
 (c) Third and Fourth stanza  
 (d) First and Second stanza
125. 'Dandia' is a popular dance of  
 (a) Punjab (b) Gujarat  
 (c) Tamil Nadu (d) Maharashtra
126. Union budget of India is referred in which of the following article:  
 (a) Article 109 (b) Article 112  
 (c) Article 180 (d) Article 212
127. The first Union budget of independent India was presented by:  
 (a) JawaharLal Nehru  
 (b) VallabhBhai Patel  
 (c) R. K. ShanmukhamChetty  
 (d) MorarjiRanchhodjiDesai
128. "Do or Die" was one of the most powerful slogans of India's freedom struggle. Who gave it?  
 (a) Gandhiji  
 (b) J. L. Nehru  
 (c) BalGangadharTilak  
 (d) Subhash Chandra Bose
129. "SarvatraSarvottamSuraksha" as its slogan which of the following organizations?  
 (a) Border Security Force  
 (b) Sikh Light Infantry  
 (c) Indian Air Force  
 (d) National Security Guard
130. Which of the following is India's first indigenously developed nuclear powered submarine?  
 (a) INS Vikrant (b) INS Trikhanda  
 (c) INS Arihant (d) INS Sindhurakshak
131. Who among the following is a distinguished actor as well as recipient of Jnanpith Award?

- (a) Vijay Tendulkar (b) KaifiAzmi  
(c) JavedAkhtar (d) GirishKarnad.
132. Losoong festival is celebrated in which of the following states?  
(a) Tibet (b) Arunachal Pradesh  
(c) Sikkim (d) Kerala
133. At which of the following cities have the Olympic Games NOT been held twice?  
(a) Athens (b) Paris  
(c) London (d) Atlanta
134. The function of CPU is:  
(a) To provide external storage of text  
(b) To communicate with the operator  
(c) To read, interpret and process the information and instruction  
(d) To provide a hard copy
135. The benefit of using computers is that:  
(a) Computers are very fast and can store huge amounts of data.  
(b) Computers provide accurate output even when input is incorrect.  
(c) Computers are designed to be inflexible.  
(d) All the above
136. The key which lets you to exit a program when pushed?  
(a) Arrow key (b) Space bar  
(c) Escape key (d) Return key
137. Plants which are not differentiated into roots, stem and leaves are grouped under  
(a) Gymnosperms (b) Pteridophytes  
(c) Halophytes (d) Spermatophytes
138. Which are the most primitive group of algae  
(a) Blue green algae (b) Red algae  
(c) Brown algae (d) Green algae
139. The most abundant bio molecule on the earth  
(a) Nucleic acids (b) Proteins  
(c) Lipids (d) Carbohydrates
140. Carbohydrates are  
(a) polyhydroxy aldehydes and phenols  
(b) polyhydroxy aldehydes and ketones  
(c) polyhydroxy ketones and phenols  
(d) polyhydroxy phenols and alcohols
141. Which is wrong in respect to bryophytes?  
(a) Water is essential for fertilization  
(b) Presence of archegonia  
(c) Presence of ciliated sperms  
(d) Presence of autotrophic independent sporophyte
142. Conducting tissue in moss is made up of  
(a) Xylem and phloem (b) Xylem  
(c) Collenchyma (d) Parenchyma
143. Extra Vehicular Activity (EVA) is related to  
(a) Racing and sports car driving.  
(b) Manoeuvre outside military aircrafts.  
(c) Works done outside spacecraft's  
(d) Underwater maintenance work of large ships.
144. Ammeter and Voltmeter are used to measure current and voltage respectively. Which of the following is true about them?  
(a) Ammeter is connected in series while voltmeter is connected in parallel.  
(b) Ammeter is connected in parallel while voltmeter is connected in parallel.  
(c) Both ammeter and voltmeter are connected in series.  
(d) Both ammeter and voltmeter are connected in parallel.
145. A virtual image can be formed by  
(a) Concave mirror. (b) Concave lens.  
(c) Convex mirror. (d) All the above
146. Which of the following is/are cross-linked polymer?  
(a) Polythene (b) Nylon  
(c) Bakelite (d) None of above
147. Human bodies can be scanned with Magnetic Resonance Imaging (MRI) because they contain  
(a) Carbon (b) Oxygen  
(c) Hydrogen (d) Iron
148. Refrigerators have become a common household appliance. A refrigeration system  
(a) Removes heat from a low temperature body and delivers it to a high temperature body.  
(b) Removes heat from a high temperature body and delivers it to a low temperature body  
(c) Rejects energy to a low temperature body  
(d) None.
149. Which of the following is not sources of mercury pollution  
(a) Coal fired thermal power plants.  
(b) Supersonic jets.  
(c) Automobiles.  
(d) Waste incinerators
150. Which of the following World Heritage Sites is not a tiger reserve?  
(a) Sundarbans (b) Nanda Devi  
(c) Manas (d) Kaziranga