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FOR JKSSEE PREPARATION

JKSSEE 2018 Question Paper Class 6

EXAM	YEAR	TYPE
JKSSEE	2018	Question Paper

Year - 2018

Roll Number

TEST BOOKLET

VI

Test Booklet Series/No.. SSET

Name of the Candidate : YEAR :- 2018

Signature of the Candidate :

Time: 2 Hours | Maximum Marks: 90

GENERAL INSTRUCTIONS FOR CANDIDATE

1. You are given a Test Booklet of 20 pages as well as Answer Sheet. Count the pages of the Booklet and be sure that they are in proper order and the code number of the Test Booklet and Answer Sheet is same. In case of a defective Test Booklet, report to your Invigilator and get it replaced.
2. Answer are to be indicated in the attached Answer Sheet.
3. Use English Letters only to write on Side-2 of the Answer Sheet.
4. **Use Blue / Black Ballpoint Pen only to write answer on the Answer Sheet. Use of Pencil is strictly prohibited.**
5. The Booklet consists of 90 Questions in four Sections:

(I)	Mental Ability	(Question Nos. 1-20)
(II)	Mathematics	(Question Nos. 21-45)
(III)	Science	(Question Nos. 46-70)
(IV)	Language	(Question Nos. 71-90)

6. All questions are to be attempted. Each question carries **one** mark.
7. Do not use white/correction fluid on the Answer Sheet.
8. Overwriting, cutting and erasing on the Answer Sheet is not allowed. Do not make Any stray mark in the Answer Sheet.
9. No changes in the answer once written is allowed.
10. You must attempt questions of each Section because you have to quality in each Section separately.
11. For every question, probable answers bearing, Letters A,B,C,D are given. Only one out of these is correct. After selecting the correct answer, you should Write the number in English in the box given against each question in the Answer Sheet, For example, if answer B of Question No. 50 is correct, you please write like this:

50 B

12. Rough work may be done in the marked space in question booklet
13. A bell will be rung after every 30 minutes.

SEAL

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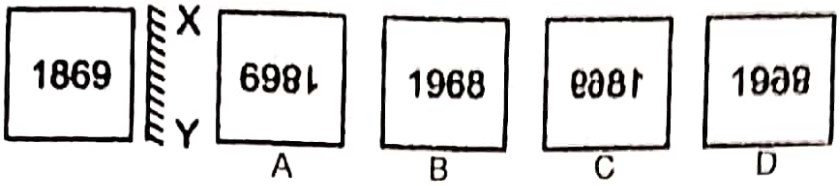
Mental Ability (Section)

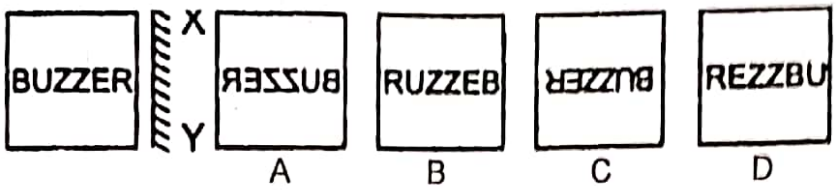
Directions :-for Q1 To Q 5

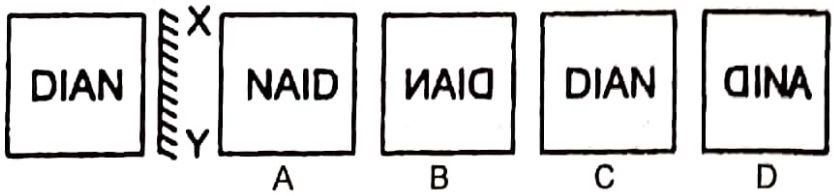
In the given questions there is a problem figure given to the left and answer figures A, B, C, D are given to the right. Find out the correct figure when a mirror is held on XY line.

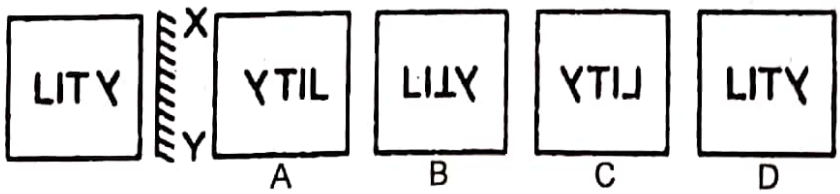
Problem figure

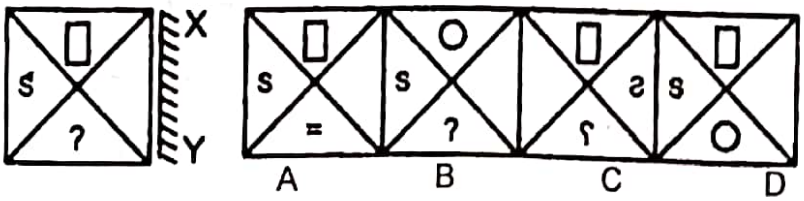
Answer figures

1. 

2. 

3. 

4. 

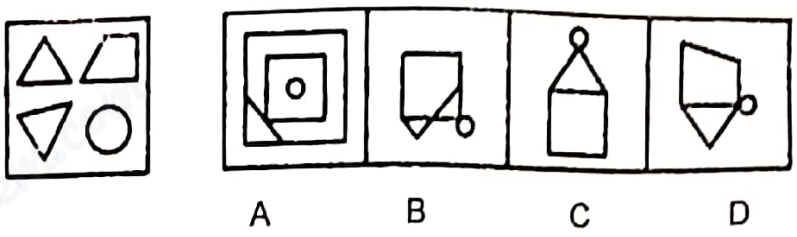
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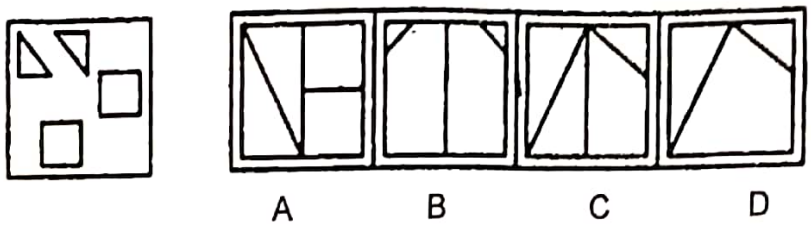
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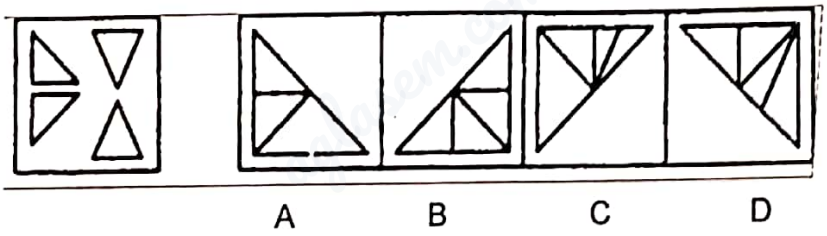
Directions :-for Q6 To Q 10

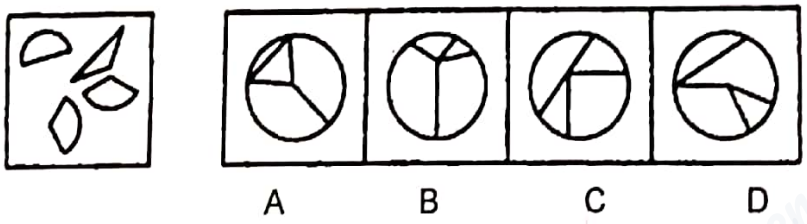
In the given questions there is problem figure given to the left observe the answer figures A, B, C, D and find out the answer figure which can be formed from the cut pieces of the problem figure

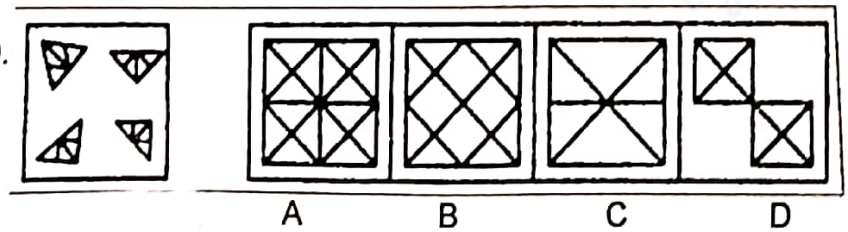
Problem figure Answer figures

6. 

7. 

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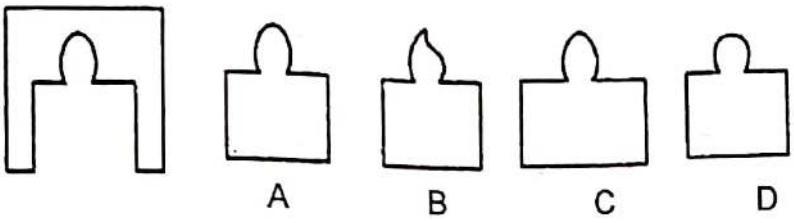
10. 

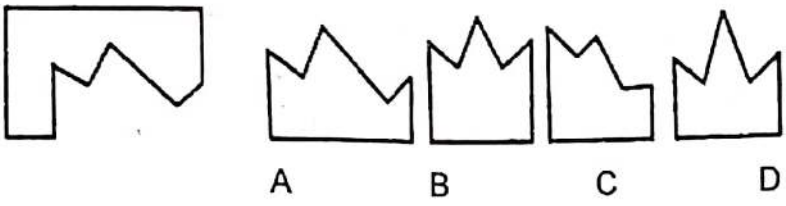
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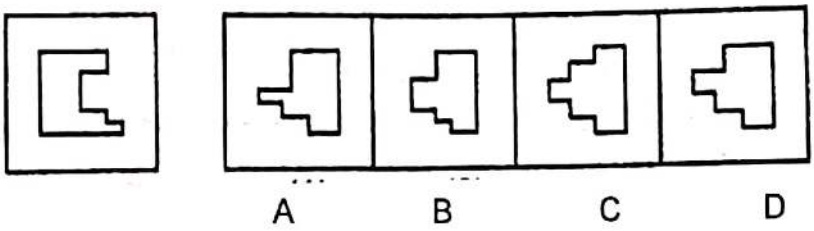
Directions :-for Q11 To Q 20

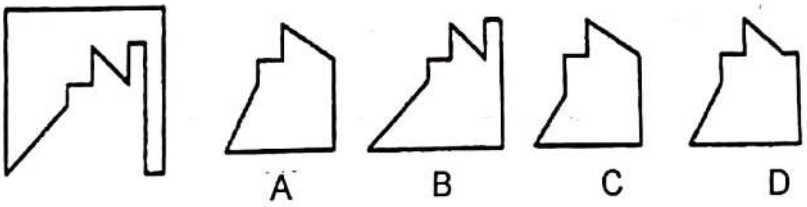
In the given questions one part of geometrical figure is given on the left hand side, that is problem figure and other one is among the 4 answer figures A, B, C, D on the right hand side. Find the figure on the right hand side that complete the geometrical figure.

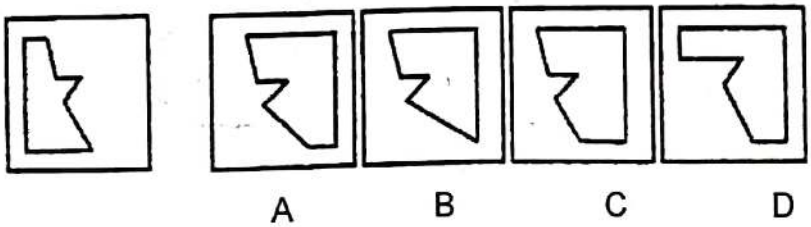
Problem figure Answer figures

11. 

12. 

13. 

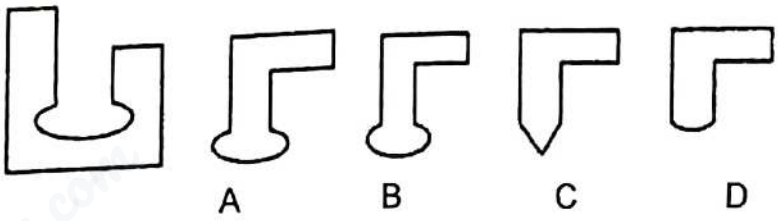
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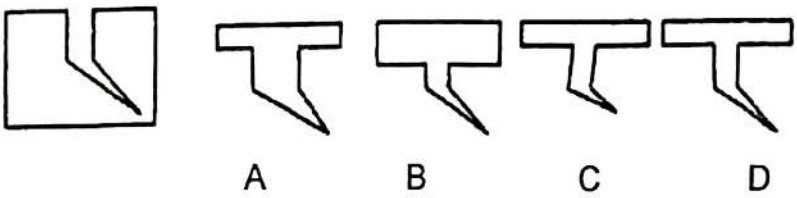
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Problem figure Answer figures

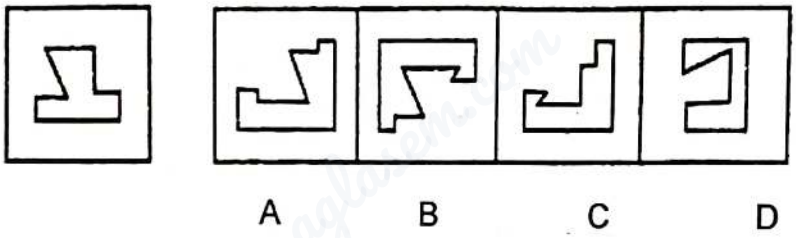
16.



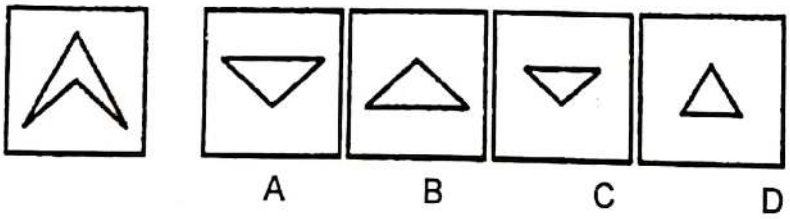
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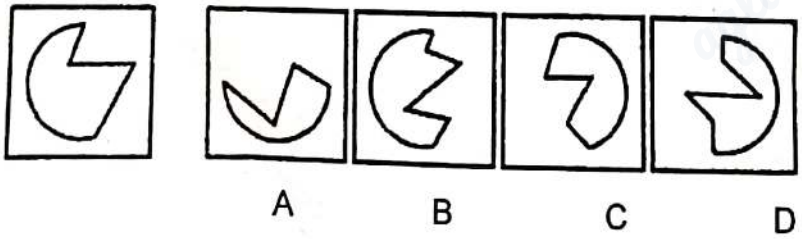
18.



19.



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Mathematics (Section)

Directions :For every question four probable answers are given. Only one out of these is correct. You have to select the correct answer in the box against the number corresponding to the question in the answer sheet

21. Which one of the following is a prime number?

(A) 81 (B) 83 (C) 85 (D) 87

22. 14 rows in a park 420 cars stand in every row. Then how many cars will stand in the park?

(A) 5880 (B) 434 (C) 406 (D) 30

23. 143865 is divisible by

(A) 3,4 and 8
(B) 5,2 and 9
(C) 2,3 and 5
(D) 3,5 and 9

24. The prime factor of 2310 are

(A) 2,3,5,7,11 (B) 2,3,4,7 (C) 2,4,6,7,11 (D) None of these

25. Six bells begin tolling together and toll at interval of 2s, 4s, 6s, 8s, 10s, 12s, respectively. The time after which they will toll together is

(A) 2 min (B) 103s (C) 150s (D) 1 min

26. Raghav, Arun & Rinku jog around a rectangular park and complete one round in 24s, 18s and 10s respectively. In how much time will they meet again at starting point.

(A) 5 min (B) 6 min (C) 5 min 38s (D) 6 min 14s

27. In a class of 30 students the number of girls is $\frac{1}{5}$ th of the number of the boys. how many boys are there in the class?

(A) 25 (B) 18 (C) 20 (D) 19

28. If the difference of the numbers 3.003 and 2.050 is added in their addition, the total number is

(A) 5.053 (B) 5.100 (C) 5.953 (D) 6.006

29. Simplify $5\frac{1}{3} - \left[4\frac{1}{3} - \left(2\frac{1}{3} - \frac{1}{3}\right)\right]$

(A) 3 (B) 2 (C)1 (D) 0

30. Simplify $\sqrt{8464} + \sqrt{?} = 102$

(A) 100 (B) 225 (C) 400 (D) 625

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31. A gardener plants 3600 trees in garden, he arranges them so that there are as many as rows as there are trees in a row, how many rows are there?

(A) 45 (B) 55 (C) 57 (D) 60

32. $\frac{3}{48}$ is what part of $\frac{1}{12}$?

(A) $\frac{3}{4}$ (B) $\frac{5}{6}$ (C) $\frac{7}{8}$ (D) $\frac{10}{11}$

33. Two number are in the ratio 2 : 3. If 9 is added to each , they will be in the ratio 3:4, the number are

(A) 12,28 (B) 18,27
(C) 8,12 (D) 10,15

34. In a school total rooms are 26. Four plants are planted in each room. 2 Cups of water pour in each plant. What is the total cups required to pour all plants ?

(A) 32cups (B) 106cups
(C)112cups (D) 208 cups

35. Amit can do $\frac{1}{2}$ of a piece of work in 8 days, While Uptal can do $\frac{1}{3}$ of the same work in 8 days. In how many days both can do it together

(A) 9.6 (B)10.5
(C) 11.2 (D) 16.0

37. Anil saves 30% of his salary, if he saves 450 per month, Find his salary,

(A) 2000 (B) 1500
(C) 1600 (D) 2400

38. The average of 5 consecutive even numbers, starting with 2 is

(A) 4 (B) 6
(C) 7 (D) 5

39. Convert 4 m 2604 cm into centimeters

(A) 3040 (B) 3400cm
(C) 3004cm (D) 6604cm

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40. A school started at 7:40 in the morning and closed at 1:30 in the noon. For how long did the school open

(A) 4h 50min
(B) 6h 50min
(C) 6h
(D) 5h 50min

41. By selling a dozen of Pencil at the cost of Rs 30 the shopkeeper gains Rs 10. His percentage of profit was

(A) 20
(B) 35
(C) 50
(D)66

42. By Selling a radio for Rs 570, I would loss 5%. At what price should I sell it to gain 5%?

(A) Rs 630
(B) Rs 640
(C) Rs 700
(D) Rs 560

43. What is the simple interest on Rs 8000 for 7 yr at the rate of 8% per annum?

(A) Rs 5000
(B) Rs 5200
(C) Rs 5600
(D) Rs 4480

44. If each side of square will be doubled, then its perimeter will be

(A) 2 times
(B) 3 times
(C) 4 times
(D) 8 times

45.What will be the next term in the following number series 2, 3, 5, 7, 11,.....?

(A)12
(B)13
(C)15
(D) 21

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Science (Section)

Directions :For every question four probable answers are given. Only one out of these is correct. You have to select the correct answer in the box against the number corresponding to the question in the answer sheet

46. Most animal can move from one place to another place. This type of movement is called _____

(A). Movement
(B). Transportation
(C) Conduction
(D). Locomotion

47. We are able to bend or rotate our body in places where two part of our body seems to be join together. These places are called_____

(A). Bones
(B). Blood
(C). Nerve
(D). Joints

48. Which of the following Nutrients is not present in milk.

(A). Protein
(B). Vitamin C
(C). Calcium
(D). Vitamin D

49. Our hair and nails contains

(A). Protein
(B). Calcium
(C). Chlorine
(D). Phosphorus

50. Which of the following is Reversible change

(A). Curdling of milk
(B). Ripening of fruits
(C). Melting of ice
(D). Burning of food

51. Which of the following is an example of periodic change?

(A). Eruption of volcano
(B). Heart beat
(C). A car accident
(D). Land slide

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52. Which of the following is a natural magnet ?

(A). Iron
(B). Magnetite
(C). Nickel
(D). Cobalt

53. A gas Colourless, odourless, heavier than air and extinguishes fire. Name the gas?

(A). Nitrogen
(B). Carbon dioxide
(C). Hydrogen
(D). Oxygen

54.Removel of water from plant bodies in the form vapours is called___

(A). Phototosynthesis
(B). Respiration
(C). Transpiration
(D). Condensation

55. The circulation of water between ocean and land is known as

(A). Oxygen cycle
(B). Water Cycle
(C). Nitrogen cycle
(D). None of these

56.Which of the following will lead to reduction in availability of ground water

(A). Plantation
(B). Rain water harvesting
(C). Constructing of more lakes
(D). Building concrete roads

57. Oceans and sea cover_____ of the earth

(A). Half
(B). One third
(C). One fourth
(D). None of these

58. Which of the following statement is false

(A). Rubber is bad conductor of electricity
(B). In general metals are good conductor of electricity
(C). Our body is bad conductor of electricity
(D). the bulb glows only when current flows through circuit

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59. Motion of wheel of a car is an example of____

(A). Translatory motion
(B). Rectilinear motion
(C). Curvilinear motion
(D). Circular motion

60. Sea animals like Dolphins and whale breathe through____

(A). Nose
(B). Gills
(C). blow holes
(D). fins

61. living organisms throw body wastes from its body by process called___

(A). Respiration
(B). Excretion
(C). Digestion
(D). Reproduction

62. Salt is Obtained from sea water by using which of the following process

(A). Sedimentation
(B). condensation
(C). Evaporation
(D). Centrifugation

63. Which are the following methods is use to separate to miscible liquids ?

(A). Separating funnel
(B). Sieving
(C). Winnowing
(D). Sublimation

64. The fruits of cotton plant are called____

(A). Bolls
(B). Jute
(C). Yarn
(D). Cushions

65.The Process of making yarn from Fibers is called____

(A). Ginning
(B). Spinning
(C). Weaving
(D). Knitting

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66. Which of the following is not a natural fibre?

(A). Cotton
(B). Jute
(C). Nylon
(D). Wool

67. Which of the following is the cause of infection in our body

(A). Vaccines
(B). Germs
(C). Anti-boitics
(D). Anti-bodies

68. The main cause of earth rotation around the sun is

(A). Electricity
(B). Magnetism
(C). Friction
(D). Gravity

69. The gases in sun include

(A). helium and hydrogen
(B). oxygen and helium
(C). chlorine and hydrogen
(D). hydrogen and nitrogen

70. The Skeleton is made of bones and_____

(A). Muscles
(B). cartilages
(C). skin
(D). blood

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Language (Section)

Directions :Read the given two passages and answer the question that follow. For each question four options have been given. You have to select the correct option and write in your response sheet against the given box.

PASSAGE -1

Dr. S Radhakrishnan, the illustrious philosopher statesman of India, was one of the greatest sons of our motherland. He cautioned the world against the domination of Science in society. It is erroneous to claim that scientific knowledge would bring with it perpetual progress and a steady improvement in human relations. The recent period of great scientific achievements has also increased human misery in the world wars, concentration camps, atomic destruction, cold war, deadly wars in the middle East, Persian Gulf and at many other places in the world. Growth in human wisdom has not been commensurate with the increase in scientific knowledge and power. One fear of universal destruction hangs over the world. There is a feeling of disenchantment, anxiety and even despair. Science had failed to liberate man from the tyranny of his own nature. Mankind is passing through a critical period and an education of the human spirit has become essential. In order to remake society, man has to remake himself. If humanity is to survive, man must integrate his knowledge with a social responsibility.

Questions

71. Dr. S Radhakrishnan has:

(A) emphasized that Science should be banished from the society
(B) opposed the teaching of Science in educational institutions
(C) favoured scientific thinking in life
(D) counseled that preponderance of Science in life does not necessarily generate happiness

72. The recent past of tremendous scientific progress has:

(A) made the world a very happy place
(B) led to global warming
(C) brought about internal transformation in men
(D) shown that human wisdom has not kept peace with galloping scientific knowledge

73. Man is despaired of Science because:

(A) Science has given too much knowledge
(B) Science has brought him excessive material comforts
(C) he has become a captive of Science
(D) he is confronted with the nightmare of total annihilation of the world

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74. Man can save humanity only if he:

(A) abandons Science
(B) brings about an internal transformation in himself
(C) makes his life more comfortable with scientific gadgets
(D) goes back to nature and primitive times

75. In this passage, the writer has tried to show that:

(A) Science is the only savior that shall lead humanity forward
(B) Science can bring about an end to all the wars
(C) social change comes with the advancement of Science
(D) human wisdom must grow proportionately with growth of knowledge to evolve a creative integration to help mankind

PASSAGE -2

Most of us use the products of science railways, aeroplanes, electricity, wireless and thousands of others—without thinking how did they come into existence. We take them for granted, as if we were entitled to them as a matter of right. And we are very proud of the tact that we live in an advanced age and and ate ourselves so very advanced. Now, there is no doubt that our age is a very different one from previous ages and I think it is perfectly correct to say that it is far more advanced. But that is a different thing from saying that we as individuals or groups are more advanced. It would be the height of absurdity to say that because an engine driver can run an engine and Plato or Socrates could not, the engine driver is more advanced than, or is superior to, Plato or Socrates. But it would be perfectly correct to say that the engine itself is a more advanced method of locomotion than Plato's chariot was.

76. Which one of the following statements is correct?

(A) An engine driver cannot be compared to Plato or Socrates
(B) Plato or Socrates is in no way inferior to the engine driver
(C) Plato or Socrates surpassed the engine driver in every respect
(D) An engine driver is cleverer than Plato or Socrates

77. People today are very proud because they:

(A) live in a philosophically advanced age
(B) live in a spiritually advanced age

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(C) enjoy digital communications
(D) live in a scientifically advanced age

78. Many of us make use of machines

(A) with full knowledge of their genesis
(B) without knowing how were they invented
(C) with very little knowledge of their mechanism
(D) without any knowledge of their historic significance

79. In this passage, the writer mentions Plato and Socrates to emphasize that:

(A) they had a great respect for learning
(B) they were men of great scholarship
(C) people as individuals in the modern age more advanced than their predecesso ^
(D) the engine is a better mode of locomotion than Plato's chariot

80. Which is not the product of Science:

(A) Wireless
(B) Aeroplanes
(C) Electricity
(D) Wood

81. The Feminine gender of 'duke'

(A) Dukness
(B) Duchess
(C) Qneen
(D) Duke

82. Identify the correct spelling

(A) Continous
(B) Continuos
(C) Continnous
(D) Contineous

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83. Delhi is not a Continent. (Identify the sentence)

(A) Assertive
(B) Interrogative
(C) Imperative
(D) Exclamatory

84 . A verb that has different second and the third form is known as

(A) Transitive verb
(B) Intransitive verb
(C) Regular Verb
(D) Irregular Verb

85. What is the group of wolves called

(A) Herd
(B) Flock
(C) Bevy
(D) Pack

86. Give the opposite/antonium of 'Sad'

(A) Mean
(B) Willing
(C) Happy
(D) Introvert

87. Rashid mailed a letter. (Identify the verb):

(A) Rashid
(B) mailed
(C) a
(D) letter

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88. He sells ____ Mangos (Insert article)

(A) a
(B) an
(C) the
(D) no article

89. Choose the correct synonym of 'Boarding'

(A) Residential
(B) Public
(C) strict
(D) New

90. Words having spellings but different meaning:

(A) Homophones
(B) Homographs
(C) Homonyms
(D) Synonyms

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