

# KUAT 2023

KARNAVATI UNIVERSITY ADMISSION TEST



Total Number of questions : 100 [Section 1 to 4] + 1 Essay Writing

Time limit : 90 Minutes [Section 1 to 4] + 30 Minutes [Section 5]

Serial No.	Section	Number of Questions
Section 1	English	20
Section 2	Reasoning	20
Section 3	Numerical Ability	20
Section 4	General Knowledge & Current Affairs	40
Section 5	Essay Writing	25
	<b>TOTAL</b>	<b>125</b>

CANDIDATE NAME: \_\_\_\_\_

CANDIDATE ID: \_\_\_\_\_

Out of these five topics, write an essay on any topic of your choice, Maximum 300 words:

1. Online teaching – can it be the future of education in India.
2. Atmanirbhar Bharat –Are we really prepared?
3. What do you think are the important lessons learnt from Covid – 19?
4. Knowledge will give your recognition, But character will give you respect.
5. Traditional higher education vs new technology education. Which will you choose?

ESSAY TOPIC (500 Words): \_\_\_\_\_

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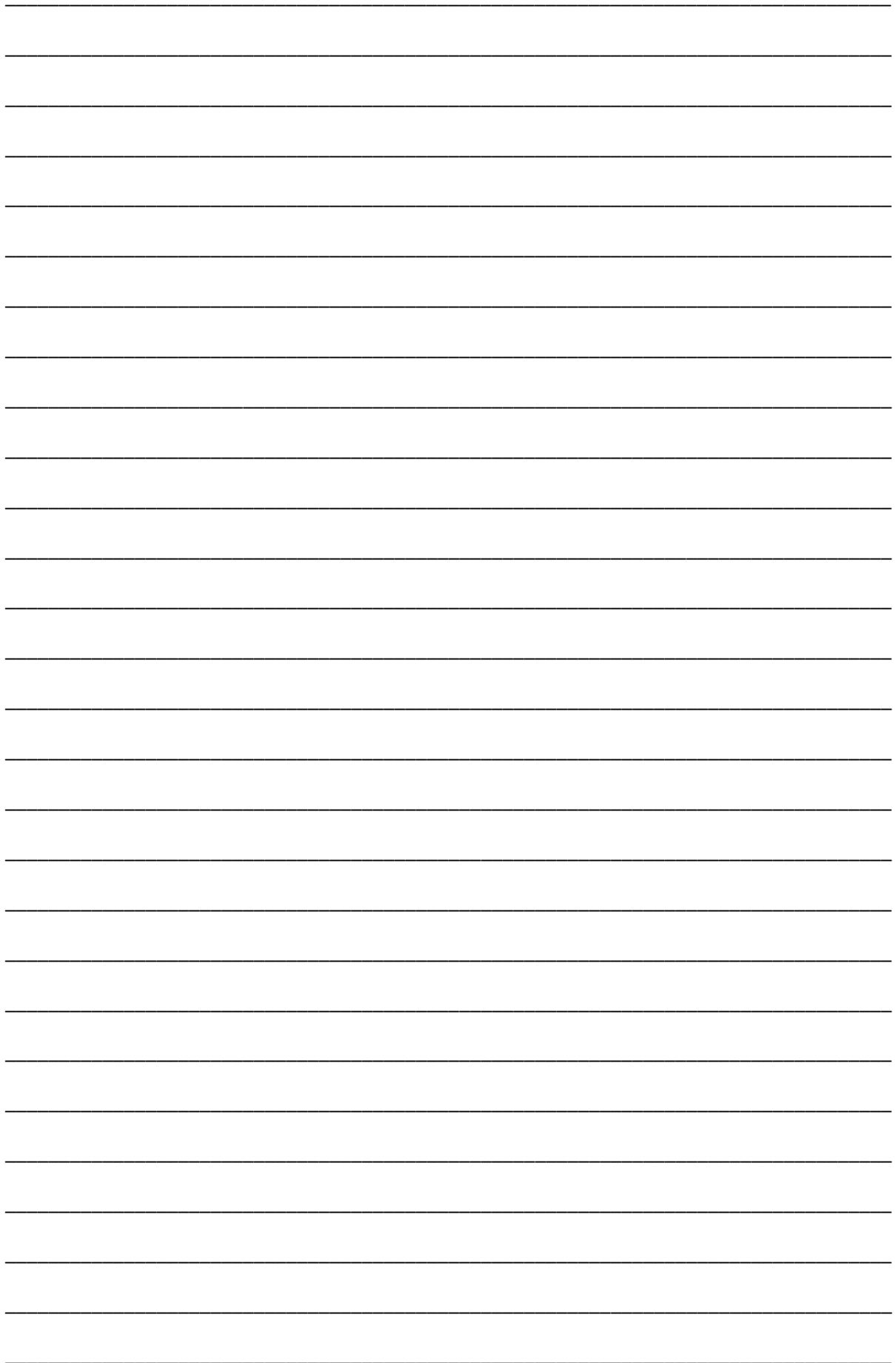
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**Section 1**  
**English**

**Total Marks: 20**

**Directions to Solve Q. 1 - 5**

Today perhaps your only association with the word 'polio' is the Sabin Oral Vaccine that protects children from the disease. Fifty-five years ago this was not so. The dreaded disease, which mainly affects the brain and the spinal cord, causing stiffening and weakening of muscles, crippling and paralysis - which is why I am in a wheelchair today. If somebody had predicted, when I was born, that this would happen to me, no one would have believed it. I was the seventh child in a family of four pairs of brothers and sisters, with a huge 23-year gap between the first and last. I was so fair and brown-haired that I looked more like a foreigner than a Dawood Bohri. I was also considered to be the healthiest of the brood.

1. In his childhood, the narrator was
  - a weakling
  - very healthy
  - tall and slim
  - short and stout
  
2. In this passage, the word 'brood' refers to
  - polio victims
  - foreign children
  - children in the family
  - Indian Children
  
3. The narrator was the seventh child in a family of
  - 8 children
  - 16 children
  - 23 children
  - 4 children
  
4. In this passage, the narrator is a patient of
  - heart disease
  - polio
  - paralysis
  - nervous weakness
  
5. In his childhood, the narrator looked "more like a foreigner than a Dawood Bohri" This was because he was
  - a foreign child
  - a very healthy boy
  - tall and smart
  - fair and brown haired

**Directions: 6 - 10**

In each of the following questions, an underlined sentence or phrase is followed by four alternatives, one of which describes, in brief, the meaning/expression of the sentence/phrase underlined. Select the one that best conveys the meaning of the sentence/phrase.

6. These tribes have normally a nomadic way of life.

- wandering
- military
- warlike
- simple

7. To tell the truth solemnly

- to take oath
- to be sworn in
- testify
- concoct

8. Who abstains from taking alcoholic drinks

- vegetarian
- teetotaler
- spiritual
- cynic

9. Who does not believe in existence of God

- hypocrite
- scoundrel
- atheist
- non-spiritual

10. A few days before his death, he made clean breast of everything

- confessed
- took off his shirt
- suffered
- None of these

**Directions to Solve: 11 - 15**

Parents spend too much time worrying about their adolescents wasting time. But for an adolescent, many activities, parents consider wasteful, are, in fact, worthwhile. Parents complain that teenagers spend too much daydreaming. Yet ...(11)... has important functions in teenagers' development ...(12)... daydreams, all adolescents try out various ...(13)... as they search for the direction ...(14)... want to take in their lives. Many daydreams are ways of ...(15)... escaping the streets of everyday life

11.  dream       imagination       fantasy
12.  In       By       From
13.  rules       rolls       roles
14.  parents       they       teenagers
15.  temporary       semi-permanently       temporarily

6

**Directions: 16 - 18**

In this type of questions, you are provided with the first and last parts of a sentence. The remaining sentence is broken into four parts labelled (P), (Q), (R) and (S). You are required to arrange these parts so as to form a complete meaningful sentence and then choose the correct combination.

16. A policeman  
(P) to abide  
(Q) if he has to do well,  
(R) by the strict letters of the law  
(S) cannot afford
- PRQS
  - QSPR
  - RQPS
  - SPRQ

17. What we would like to judge  
(P) in this comprehension exercise,  
(Q) the difficult words, phrases and sentence fragments  
(R) and also the meanings of  
(S) is your grasp of the content  
that constitute the paragraph
- PSRQ
  - QPSR
  - RQPS
  - SRQP

18. This is a letter  
(P) from a young lady  
(Q) who was lately wounded in a duel  
(R) written in the most passionate terms  
(S) wherein she laments the misfortune of a gentleman
- PRQS
  - PRSQ
  - RPQS
  - RPSQ

**Directions: 19 - 20**

In each of the following questions, a word has been written in four different ways out of which only one is correctly spelt. Find the correctly spelt word.

19. Choose the correctly spelt word.
- Brethoren
  - Brethren
  - Brothren
  - Brethron

20. Choose the correctly spelt word.
- Desicate
  - Dessicate
  - Desiccate
  - Dessiccate

## Section 2

### Reasoning

Total Marks: 20

**Directions (21-25): Study the following information carefully to answer the questions given below —**

A, B, C, D, E, F and G are seven members of a family. Three of them are women. There are two married couples in the family. Each of them has a different profession - architect, lawyer, doctor, teacher, engineer, manager and singer but not necessarily in the same order. B is a lawyer and married to F who is a manager. A is brother of G who is an architect. C is a doctor and she is an unmarried woman. D is a teacher and is sister of G. E is not an engineer.

21. Which of the following combinations is definitely true?

- B-Male-Manager
- B-Female- Lawyer
- C-Female-Singer
- E-Male-Singer
- D-Male-Architect

22. Which of the following combination represents pair of two husbands of married couples?

- BG
- AF
- BE
- Data insufficient
- None of these

23. What is the profession of E?

- Doctor
- Singer
- Teacher
- Data insufficient
- None of these

24. What is the profession of A?

- Engineer
- Singer
- Engineer or Singer
- Data insufficient
- None of these

25. Which of the following pairs is a married couple?

- BG
- AG
- AC
- Data insufficient
- None of these

**Directions (Q.26-27):** Some statements are given followed by some conclusions. You have to consider the statements to be true even if they seem to be at variance from commonly known facts. You have to decide which of the following conclusions if any, follow from the given statements:

26. Statements: All caps are cows.

Some cows are cups

Some cats are cups

No cat is caps

Conclusion: (I) Some cows are not cat

(II) All cats being cows is a possibility

(III) Some cups are not caps

- Only (i) and (iii) follow
- Only (iii) follow
- Only (i) and (ii) follow
- All follow
- None of these

27. Statements: Some G are I

Some H are I

Some H are M

No M is I

Conclusion: (I) All H being I is a possibility

(II) Some G are not M

(III) Some G being M is a possibility

- Only (i) and (iii) follow
- Only (iii) follow
- Only (i) and (ii) follow
- All follow
- None of these

28. Look at this series: 664, 332, 340, 170, \_\_\_\_, 89, ... What number should fill the blank?

- 85
- 97
- 109
- 178

29. Look at this series: 4, 7, 25, 10, \_\_, 20, 16, 19, ... What number should fill the blank?

- 13
- 15
- 20
- 28

30. Pointing towards a girl, Abhisek says, "This girl is the daughter of only a child of my father." What is the relation of Abhisek's wife to that girl?

- Daughter
- Mother
- Aunt
- Sister

31. Pointing to Gopi, Nalni says, "I am the daughter of the only son of his grandfather." How Nalni is related to Gopi?

- Niece
- Daughter
- Sister
- Wife

**Directions to Solve: 32 - 34**

Each of the following questions is based on the following information:

8-trees → mango, guava, papaya, pomegranate, lemon, banana, raspberry and apple are in two rows 4 in each facing North and South.

Lemon is between mango and apple but just opposite to guava.

Banana is at one end of a line and is just next in the right of guava or either banana tree is just after guava tree.

Raspberry tree which at one end of a line, is just diagonally opposite to mango tree.

32. Which of the following statements is definitely true?
- Papaya tree is just near to apple tree.
  - Apple tree is just next to lemon tree.
  - Raspberry tree is either left to Pomegranate or after.
  - Pomegranate tree is diagonally opposite to banana tree.
33. Which tree is just opposite to raspberry tree?
- Papaya
  - Pomegranate
  - Papaya or Pomegranate
  - Data is inadequate
34. Which tree is just opposite to banana tree?
- Mango
  - Pomegranate
  - Papaya
  - Data is inadequate

**In the following question find out the alternative which will replace the question mark.**

35. Race : Fatigue:: Fast : ?
- Food
  - Laziness
  - Hunger
  - Race

36. **Statement:** "I have not received telephone bills for nine months in spite of several complaints" - A telephone customer's letter to the editor of a daily

**Assumptions:**

Every customer has a right to get bills regularly from the telephone company.

The customer's complaints point to defect in the services which are expected to be corrected.

- Only assumption I is implicit
- Only assumption II is implicit
- Either I or II is implicit
- Neither I nor II is implicit
- Both I and II are implicit

37. **Statement:** His recent investment in the shares of Company A is only a gamble.

**Assumptions:**

He may incur loss on his investment.

He may gain from his investment.

- Only assumption I is implicit
- Only assumption II is implicit
- Either I or II is implicit
- Neither I nor II is implicit
- Both I and II are implicit



**Directions to Solve: 38 - 40**

Read the below passage carefully and answer the questions:

Giving children computers in grade school is a waste of money and teachers' time. These children are too young to learn how to use computers effectively and need to spend time on learning the basics, like arithmetic and reading. After all, a baby has to crawl before she can walk.

38. Which of the following, if true, would strengthen the speaker's argument?
- studies showing computers are expensive
  - research on the effect of computer games on children
  - examples of high school students who use computers improperly
  - proof that the cost of computers is coming down
  - evidence that using computers makes learning to read difficult
39. Which of the following, if true, would weaken the speaker's argument?
- a demonstration that computers can be used to teach reading and arithmetic
  - analysis of the cost-effectiveness of new computers versus repairing old computers
  - examples of adults who do not know how to use computers
  - recent grade reports of students in the computer classes
  - a visit to a classroom where computers are being used
40. Which of the following methods of argument is used in the previous passage?
- a specific example that illustrates the speaker's point
  - attacking the beliefs of those who disagree with the speaker
  - relying on an analogy to prove the speaker's point
  - displaying statistics that back up the speaker's point
  - comparing different methods of learning

### Section 3

#### Numerical Ability

Total Marks: 20

41. In a shipment of 120 machine parts, 5 per cent were defective. In a shipment of 80 machine parts, 10 per cent were defective. For the two shipments combined, what per cent of the machine parts were defective?

- 6.5
- 7.0
- 7.5
- 8.0

42. Three papers were set in an examination and the maximum marks per paper were in the ratio of 1 : 2 : 2 respectively. If a student obtained 50% in the first paper, 60% in the second, and 65% in the third, what percent did he obtain overall?

- 58.3%
- 66.66%
- 33.33%
- 60%

43. A, B and C scored 581 runs such that four times A's runs are equal to 5 times B's runs which are equal to seven times C's runs. Determine the difference between A's runs and C's runs.

- 125
- 120
- 105
- 90

44. The monthly incomes of two persons are in the ratio of 4 : 5 and their monthly expenditures are in the ratio of 7 : 9. If each saves Rs. 50 a month. Then what are their monthly incomes?

- Rs 100, Rs 125
- Rs 200, Rs 250
- Rs 300, Rs 375
- Rs 400, Rs 500

45. A grocer has a sale of Rs. 6435, Rs. 6927, Rs. 6855, Rs. 7230 and Rs. 6562 for 5 consecutive months. How much sale must he have in the sixth month so that he gets an average sale of Rs. 6500?

- Rs. 4991
- Rs. 5991
- Rs. 6001
- Rs. 6991

46. The average weight of A, B and C is 45 kg. If the average weight of A and B is 40 kg and that of B and C is 43 kg, then the weight of B is:

- 17 kg
- 20 kg
- 26 kg
- 31 kg

47. A motorist covers the distance of 60 km from A to B at a speed of 20 km/hr and return journey from B to A at a speed of 30 km/hr. His average speed of entire journey is

- 22 km/hr
- 24 km/hr
- 26 km/hr
- 25 km/hr

48. Two trains traveling in opposite direction start from a station at the same time with the speeds of 40 kmph and 120 kmph respectively. Find the distance between them after 15 minutes.

- 20 km
- 60 km
- 40 km
- 25 km

49. Three persons A, B, C can do a piece of work in 15 days, 6 days and 10 days respectively. In how many days will all the three finish three times the similar work?

- 3 days
- 9 days
- 6 days
- 4 days

50. If a man can read 15 pages in 2 hours, how many pages he can read in 6 hours?

- 60
- 50
- 45
- 40

51. The difference between the squares of two consecutive odd integers is always divisible by:

- 3
- 6
- 7
- 8

52. In the following sum, "?" stands for which digit?

$$? + 1? + 2? + ?3 + ?1 = 21?$$

- 4
- 6
- 8
- 9

53. The smallest number that must be added to 803642 in order to obtain a multiple of 11 is:

- 1
- 4
- 7
- 9

54. The smallest three-digit prime number is:

- 103
- 107
- 100
- None of these

55. When the present age of the mother is added to the present age of the daughter, the sum is 40 years. What will be their total ages after 5 years?

- 40 years
- 45 years
- 35 years
- 50 years

56. The ratio between the length and the perimeter of a rectangular plot is 1:3 and the ratio between the breadth and Perimeter of the plot is 1:6. What is the ratio between the length and area of the plot?

- 1 : 8
- 2 : 5
- 2 : 1
- Data Inadequate

57. Two pipes A and B can fill a tank in 12 minutes and 15 minutes respectively. If both the taps are opened simultaneously, and the tap A is closed after 3 minutes, then how much more time will it take to fill the tank by tap B?

- 7 min 15 sec
- 7 min 45 sec
- 8 min 5 sec
- 8 min 15 sec

58. A lends Rs. 2500 to B and a certain sum to C at the same time at 7% per annum simple interest. If after 4 years, A altogether receives Rs. 1120 as interest from B and C, then the sum lent to C is:

- Rs. 700
- Rs. 1500
- Rs. 4000
- Rs. 6500

59. The Simple interest on a certain sum for 2 years at 10% per annum is Rs. 90. The corresponding compound interest is

- Rs. 99
- Rs. 95.60
- Rs. 94.50
- Rs. 108

60. The marks scored in an examination are converted from 50 to 10 for the purpose of internal assessment. The highest marks were 47 and the lowest were 14. The difference between the maximum and the minimum internal assessment scores is:

- 3.3
- 4.8
- 6.6
- 7.4

## Section 4

### General Knowledge & Current Affairs

Total Marks: 40

61. Which country defeated Pakistan to win the Blind Cricket World Cup 2018?

- India
- Saudi Arabia
- Afghanistan
- Nigeria

62. Which of the following is/are tributary/tributaries of Brahmaputra?

1. Dibang
2. Kameng
3. Lohit

Select the correct answer using the code given below:

- 1 only
- 2 and 3 only
- 1 and 3 only
- 1, 2 and 3

63. Benjamin Netanyahu is the PM of which country?

- Pakistan
- Palestine
- Israel
- None of the above

64. Which of the following had translated Bible: The New Testament?

- Sharankumar Limbale
- Nishigandha Sen
- Mangesh Padgaonkar
- DilipPrabhavalkar

65. Which is the first state in India to Offer e-mail IDs in Hindi?

- Bihar
- Rajasthan
- Andhra Pradesh
- Tamil Nadu

66. For which book did the Israeli author David Grossman win the Man Booker International Prize for the year 2017?

- Mirror, Shoulder, Signal
- Compass
- A Horse Walks Into a Bar
- Judas

67. Human Rights Day is celebrated every year on \_\_\_\_\_.

- 3rd December
- 2nd December
- 4th December
- 10th December

68. Which country introduced its first X-ray space Telescope?

- China
- India
- Pakistan
- Germany

69. Which is the world's largest generic drug-maker?

- Pfizer
- Teva
- Novartis
- Bayer

70. Who is the first 1st Oscar nominated female cinematographer recently?

- Rachel Morrison
- Mandy Walker
- Amy Vincent
- Reed Morano

71. Who launched mobile wallet and payments app 'Tez' in India?

- Apple
- Microsoft
- Samsung
- Google

72. Which is the First state to endorse Centre's Triple Talaq Draft Bill?

- Madhya Pradesh
- Uttar Pradesh
- Tamil Nadu
- Kerala

73. Where is the head quarter of HSBC located?

- Rome
- London
- Berlin
- Paris

74. Harba missile belongs to which country?

- Russia
- Pakistan
- China
- North Korea

75. Who is appointed as PETA's Person of the Year?

- Kareena Kapoor
- Anushka Sharma
- Katrina Kaif
- Aishwarya Rai Bachan

76. In which city India's first centre for animal law has been set up?

- Chennai
- Hyderabad
- Kolkata
- Mumbai

77. Where was the International conference on climate change held?

- India
- Japan
- Nepal
- Pakistan

78. Who has resigned as the CEO of Uber on 21st June 2017?
- Travis Kalanick
  - Sheryl Sandberg
  - Mark Rutkowski
  - None of the above
79. Who became first ever Football Player to score 350 La Liga goals?
- Paul Pogba
  - Wayney Roonee
  - Jamie Vardy
  - Lionel Messi
80. Name the winner of the Australian Open 2018 in the men's single category
- Rohan Bopanna
  - Marin Cilic
  - Roger Federer
  - Juan Sebastian
81. Which country opened World's Longest Glass Bridge recently?
- India
  - Pakistan
  - China
  - South Africa
82. Which city becomes first Indian city to have its own logo?
- Patna
  - Chennai
  - Bengaluru
  - Mumbai
83. Which state government has launched She Pad scheme for school girls?
- Kerala
  - Uttar Pradesh
  - Karnataka
  - Rajasthan
84. Which ministry has launched Swachhta Hi Sewa campaign?
- Home Ministry
  - Commerce & Industry
  - HRD ministry
  - Textile ministry
85. Which country has launched the world's first fully electric cargo ship?
- China
  - South Korea
  - Malaysia
  - Singapore
86. Ustad Vilayat Ali Khan is known for playing
- Sitar
  - Flute
  - Sarod
  - Tabla

87. The famous book Rajatarangini describes the history of the rulers of

- Gujarat
- Telangana
- Kashmir
- Rajasthan

88. The late Dr. Salim Ali was a / an

- Ornithologist
- Geologist
- Viticulturist
- Oenologist

89. The writing of Panchatantra is attributed to

- Kalidasa
- Vishnu Sharma
- Ancient Folklore
- Banabhatta

90. Mein Kempf is the autobiography of

- Hitler
- Mussolini
- Vladimir Lenin
- Stalin

91. Who is regarded as the greatest lawgiver of ancient India?

- Megasthenes
- Panini
- Manu
- Lord Rama of Ayodhya

92. The Olympics were re-started by

- Baron Pierre de Coubertin
- Henri Dunant
- Antonio Samaranch
- Donald Trump

93. Great Garbo was a renowned

- Singer
- Painter
- Actress
- Sportsperson

94. Principia Mathematica is a famous work by

- Einstein
- Pythagoras
- Euclid
- Newton

95. The Origin of Species was authored by

- Charles Darwin
- Charles Lamarch
- Antonis Leeuwenhoek
- Carl Vorn Neuremberg



96. The title Lady With The Lamp is given to

- Sarojini Naidu
- Maria Montessori
- Florence Nightingale
- Mother Teresa

97. The character of James Bond was created by

- Alfred Broccoli
- Sean Connery
- Pierce Brosnan
- Ian Fleming

98. Rook, Bishop and Castle are terms associated with

- Polo
- Chess
- Hockey
- Carrom

99. The first Indian to win a Nobel Prize in Physics was

- Srinivasa Ramanujam
- C V Raman
- Hargobind Khorana
- None of the above

100. The computer related term GNU is the abbreviation for

- GNU is Not Unix
- Graphical Notation Unicode
- Global Network User
- Graphics Network User