PSI Exam Question And Answer

1.	Rana Kumbha constructed the 'Kirtistambha' at Chittor to commemorate his victory against—
	(A) Ahmadshah of Gujarat (B) Mahmud Khilji of Malwa
	(C) Khan of Nagpur (D) Rao Jodha of Marwar
	Ans: (B)
	2. The First War of Panipat was fought in A.D. 1526 between-
	(A) Ibrahim Lodi and Rana sanga
	(B) Mahmud Lodi and Babur
	(C) Babur and Rana sanga
	(D) Babur and Ibrahim Lodi
	Ans: (D)
	3. Which Moghul emperor first granted the English the licence to trade and to establish
	factories in India?
	(A) Akbar (B) Jahangir
	(C) shahjahan (D) Aurangzeb
	Ans: (B)
	Alls. (b)
	4. The 'swadeshi Movement' and 'Boycott of Foreign Things' were started by the
	Congress in 1905 to protest—
	(A) Curtailment of the rights of representation granted under the Indian Councils Act,
	1892
	(B) Partition of Bengal
	(C) Restrictions imposed on the entry of Indians into Canada
	(D) Lord Curzon's efforts to establish control over the universities
	Ans: (B)

5. The Lucknow Congress of 1916 was important, because at this session the party-

(A) Repudiated political militancy of the 'garam dal'

- (B) Signed a pact with the Muslim League
- (C) Opposed participation of India in the First World War
- (D) Rejected separate electorates for Muslims and Dalits

Ans : (B)

- 6. In 1932, a compromise, known as the 'Poona Pact', was worked out on the question of separate electorates. Who were the two main leaders involved?
- (A) Gandhiji and Lord Irwin (B) Gandhiji and Dr. B. R. Ambedkar
- (C) Gandhiji and Muhammad Ali Jinnah (D) Gandhiji and Aga Khan

Ans: (B)

- 7. What is the time taken by the Earth to complete one rotation on its imaginary axis?
- (A) 24 hr 37 min 23 sec (B) 24 hr
- (C) 23 hr 56 min 4 sec (D) 23 hr 52 min

Ans : (C)

- 8. In which atmospheric layer is the ozone layer situated?
- (A) Troposphere (B) Stratosphere
- (C) Mesosphere (D) Ionosphere

Ans : (C)

- 9. The Finance Commission makes its recommendations to—
- (A) The Finance Minister (B) The Planning Commission
- (C) The Parliament (D) The President

Ans : (D)

- 10. The Chief Minister of Maharashtra is-
- (A) Ashok Chauhan (B) Sushil Kumar Shinde
- (C) Sanjay Nirupam (D) Prithviraj Chauhan

Ans : (D)

(A) Jonathan Swift (B) Charles Dickens
(C) Charles Lamb (D) T. S. Eliot
Ans: (A)
12. Red soil is commonly found in the States of—
(A) Punjab and Rajasthan
(B) Himachal Pradesh and Haryana
(C) Rajasthan and Himachal Pradesh
(D) Tamil Nadu and Andhra Pradesh
Ans: (D)
13. When did the Reserve Bank of India become a State-owned institution?
(A) 1956 (B) 1952
(C) 1950 (D) 1949
Ans: (D)
14. Who was the President of the Constituent Assembly which was constituted to frame
the Constitution of India ?
(A) Pt. Jawaharlal Nehru (B) Sardar Vallabhbhai Patel
(C) Dr. Rajendra Prasad (D) Dr. Bhimrao Ambedkar
Ans: (C)
15. Which part of our Constitution primarily reflects Mahatma Gandhi's principles?
(A) The Preamble
(B) Part III-Fundamental Rights
(C) Part IV-Directive Principles of State Policy
(D) Part IV A-Fundamental Duties
Ans: (C)
лив. (С)
16. Which of the following is a Fundamental Right as provided under Part III of the

11. The author of the book, Gulliver's Travels is-

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- (A) Promotion of educational and economic interests of the Scheduled Castes, Scheduled Tribes and other weaker sections
- (B) Right to reside and settle in any part of India
- (C) Right of workers to participate in the management of industries
- (D) None of the above

Ans: (B)

- 17. In case of conflict between the Central and State law on a subject in the Concurrent List—
- (A) The law which was passed first prevails
- (B) The law of State prevails
- (C) The law of Centre prevails
- (D) Both laws stand nullified

Ans:(C)

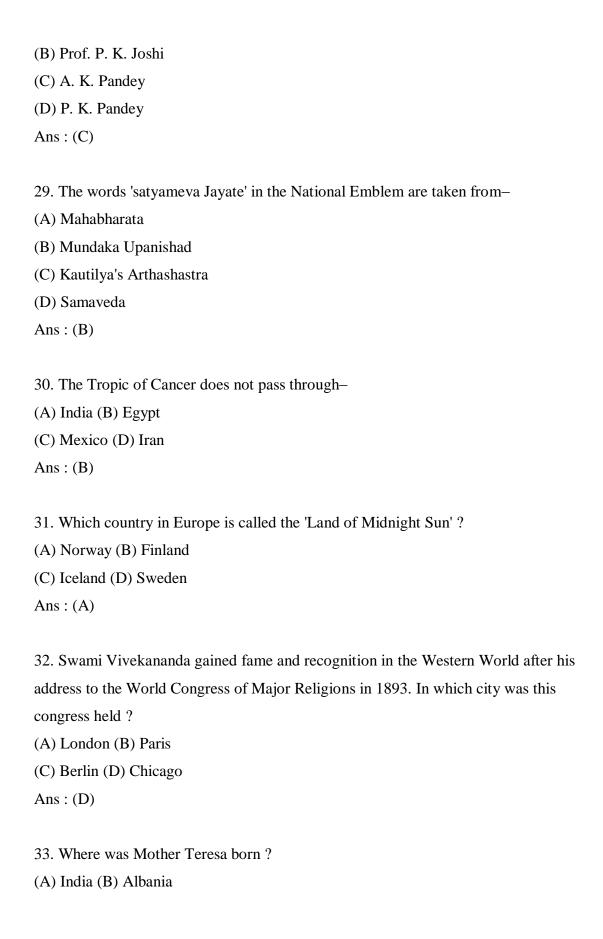
- 26. The winner of Indian Premier League, 2012 is-
- (A) Chennai Super Kings
- (B) Delhi Daredevils
- (C) Kolkata Knight Riders
- (D) Mumbai Indians

Ans:(C)

- 27. Which of the following is a tribal group of Africa?
- (A) Eskimos
- (B) Ainu
- (C) Fula
- (D) None of these

Ans: (D)

- 28. The Chairman of the Madhya Pradesh Public Service Commission is-
- (A) Prof. P. K. Dubey



(C) Hungary (D) Poland
Ans: (B)
34. Who was the first navigator to circumnavigate the Earth by the sea route?
(A) Ferdinand Magellan
(B) Marco Polo
(C) Vasco da Gama
(D) Christopher Columbus
Ans: (A)
35. Which of the following countries was discovered by the famous Portuguese navigator
Vasco da Gama?
(A) India
(B) China
(C) Australia
(D) New Zealand
Ans: (A)
36. What is an ecosystem?
(A) The unit of man and all living beings which interact with each other
(B) The unit comprised of man, other living beings and the plant kingdom
(C) The unit comprised of all living beings and their environment
(D) That part of the Earth and the atmosphere where living beings are found
Ans: (B)
37. Malaria affects lakhs of Indians every year. Which part of the body is damaged by
this disease ?
(A) Heart (B) Lungs
(C) Spleen (D) Liver
Ans: (C)

38. How does the Sun get its energy?
(A) From gravitational pressure
(B) From nuclear fission
(C) From nuclear fusion
(D) None of the above
Ans: (C)
39. The Shahnama, written by Firdausi, tells the tale of kings of one country . Which is
this country ?
(A) Egypt (B) India
(C) Turkey (D) Persia
Ans: (D)
40. Which of the following statements is correct?
(A) The entropy of the world keeps on increasing
(B) The entropy of the world keeps on decreasing
(C) The entropy of the world is constant
(D) The entropy of the world increases and decreases in a cyclic manner
Ans: (A)
41. The frequency range of FM radio broadcast in India is-
(A) 102 MHz -132 MHz
(B) 80 MHz -102 MHz
(C) 88 MHz -108MHz
(D) 78 MHz -102 MHz
Ans: (C)
42. Who among the following has not been awarded the Nobel Prize for Literature?
(A) Derek Walcott
(B) Dario Fo
(C) Toni Morrison

(D) Robert Richardson
Ans: (D)
43. Two large temple complexes have been found in Angkorwat, Cambodia. Which
religion are they associated with?
(A) Hinduism
(B) Buddhism
(C) Shintoism
(D) None of these
Ans: (A)
44. Fidel Castro ousted a dictator from Cuba in 1959. Who was this dictator?
(A) Duvalier
(B) Batista
(C) Pinochet
(D) None of these
Ans: (B)
45. Wheels of passenger vehicles are fitted with tyres and tubes which are filled with air.
What is the main reason for not filling up the tubes with water?
(A) Filling them with water will increase the weight
(B) If they are filled with water, the force of shocks on passengers, generated by uneven
surface of the road, will increase very considerably
(C) Air is cheaper than water
(D) It would not be convenient to fill up the tubes with water
Ans: (B)
46. As mother is B's sister and C's daughter. B's daughter is P who is Q's sister. If C is not
Q's grandmother, how is C related to Q?
(A) Father
(B) Mother

(C) Grandfather (D) Aunt Ans : (C) 47. Four boys are wearing clothes of different colours. Ravi is not wearing white and Ajay is not wearing blue. If Sohan is wearing red, what is the colour of Sachin's clothes? (A) Blue (B) White (C) Yellow (D) Cannot be determined Ans : (D) 48. A factory makes shoes of two types, A-type and B-type. Both require the same amount of leather which is available in such quantity that 80 pairs of shoes can be made per day. It takes twice as long to make A-type shoes as B-type. The capacity of the factory is such that if only B-type shoes were to be made, 100 pairs could be produced in one day. A-type shoes require some special material which is available in quantities sufficient for 40 pairs per day. The special material required for B-type shoes is available in quantities sufficient for 70 pairs per day. If the factory makes a profit of Rs. 200 per pair on A-type shoes and Rs. 150 per pair on 8-type shoes how many pairs of shoes of each type should it produce every day for maximum profit? (A) A-type 40 and B-type 20 (B) A-type 10 and B-type 70 (C) A-type 20 and B-type 60 (D) None of the above Ans : (D) 49. A leap year is chosen at random. What is the probability that this year would have 53 Mondays? (A) 1/7

(B) 2/7

(C) 3/7

(D) None of these

Ans : (B)

50. Three horses, A, B and C, are participating in a race. If the probability of A winning the race is twice the probability of B winning it and the probability of B winning the race is twice the probability of C winning it, what is the probability that either B or C will win the race?

(A) 1/7

(B) 2/7

(C) 3/7

(D) None of these

Ans : (C)

51. Some men are travelling with their horses. At one point of time, half the men are riding their horses while the rest are walking along leading their horses. If the number of legs on the ground at that time is 40, what is the number of horses in the party?

(A) 8 (B) 10

(C) 12 (D) None of these

Ans : (A)

52. A family is comprised of father, mother, son and daughter. The father's age is 3 times the age of the daughter. The son is half as old as his mother and is 7 years older than his sister. If the father is 9 years older than his wife, what is the mother's age ?

(A) 45 years (B) 50 years

(C) 60 years (D) None of these

Ans : (C)

53. Six friends went for a vacation and stayed in a resort where nine cottages in a row were available for them. They all stayed in separate cottages. Mohan, Rani and Chitra did not stay in the cottages at the two ends. Nobody stayed next to Mohan and Salman. There

was only one empty cottage between Mohan and Chitra. Jayant's cottage was adjacent to both Chitra and Anil. Rani stayed next to the cottage at the beginning. Which cottages remain empty after they are accommodated?

(A) Nos. 1, 6, 8 (B) Nos. 4, 6, 8

(C) Nos. 3, 5, 9 (D) Nos. 2, 5, 7

Ans : (A)

54. A plane mirror is kept in front of a clock. If the actual time is 3:25, what time would the reflection show (if we notice only the positions of the two hands of the clock and do not pay attention to the numerals on the dial)?

(A) 9:55 (B) 8:35

(C) 3 : 25 (D) None of these

Ans : (B)

55. A person has five coins. If he knows for certain that—

1. Coin no.1 is genuine;

2. One of the remaining four coins is counterfeit and its weight is different from the others.

then what is the minimum number of weighings which will enable him to find out which coin is counterfeit and whether it is heavier or lighter than the others?

(A) 1 (B) 2

(C) 3 (D) 4

Ans : (B)

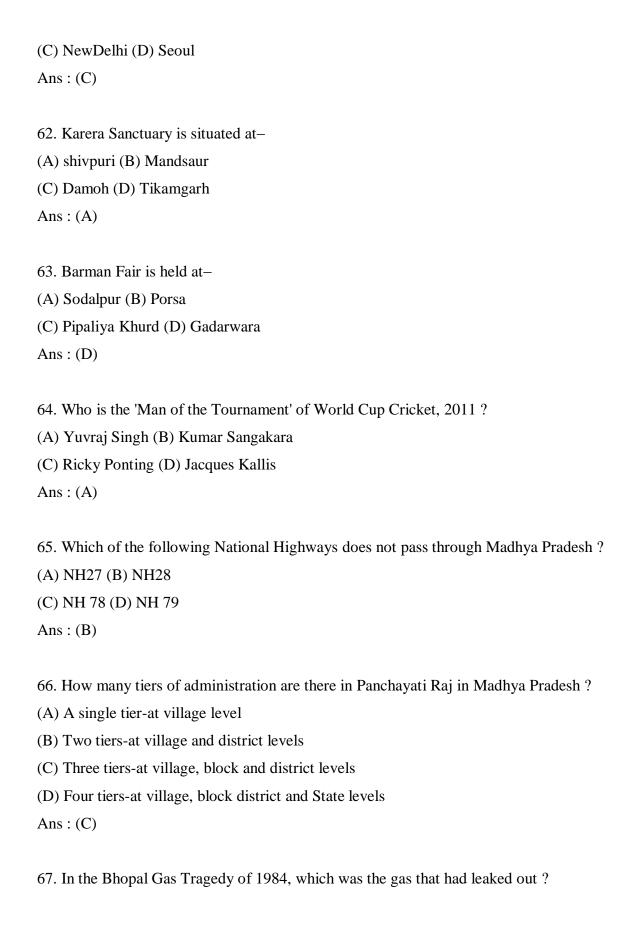
56. Six students are taking coffee in the coffeehouse. A and Bare from Delhi while the others C, D, P and Q are from Bhopal. D and Q are tall while the others are short. A, C and D are girls while the others are boys. Who is the tall girl from Bhopal?

(A) C (B) D

(C) P (D) Q

Ans : (C)

57. What is the missing number? 0123 1 3 4 16 256? (A) 22 (B) 106 (C) 39 (D) None of these Ans : (C) 58. The remnants of one of the most ancient civilizations of the world, 'Indus Valley Civilization', were first discovered in Harappa. Where is this Harappa situated? (A) Sind, Pakistan (B) Punjab, India (C) Punjab, Pakistan (D) Haryana, India Ans : (A) 59. In 1950s, the Archaeological Survey of India found several sites in one part of India which yielded evidence that the Mohenjodaro-Harappa Civilization was centred, not in Indus Valley, but in this part of India. In which present State are these sites situated? (A) Maharashtra (B) Gujarat (C) Rajasthan (D) Punjab Ans: (B) 60. River Narmada flows down from Amarkantak Hills to the sea. What is the name of the area where it meets the sea? (A) Gulf of Kutch (B) Gulf of Khambat (C) Gulf of Mannar (D) Bay of Bengal Ans : (B) 61. Commonwealth Games, 2010 were held at-(A) Colombo (B) London



(A) Carbon monoxide (B) Hydrogen sulphide
(C) Ethyl cyanide (D) Methyl isocyanate
Ans: (D)
68. Who founded the Ramakrishna Mission?
(A) Ramakrishna Paramhans
(B) Swami Dayananda Saraswati
(C) Swami Vivekananda
(D) Shankaracharya
Ans : (C)
69. Which architect has prepared the plan for Chandigarh city?
(A) Edwin Lutyens (B) Le Corbusier
(C) Charles Correa (D) None of these
Ans: (B)
70. Who got the Khajuraho temples constructed?
(A) Chhatrasal (B) Kings of Parmar dynasty
(C) Kings of Chandel dynasty (D) King Bhoja
Ans: (C)
71. Who was the founder of the Chola dynasty in South India?
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73. The famous caves at Ajanta-Ellora contain statues and murals associated with-(A) Hinduism (B) Buddhism (C) Jainism (D) All of these Ans : (D) 74. Which 'pir' lies in the famous 'mazar' at Ajmer? (A) Muin-ud-din Chishti (B) Nizam-ud-din Auliya (C) Baba Farid (D) Sheikh salim Chishti Ans : (A) 75. Where was the Jain Seer Lord Mahavira born? (A) Lumbini (Nepal) (B) Kunda (Bihar) (C) Shravanbelgola (Karnataka) (D) None of these Ans : (B) 76. Who was the first 'Guru' of the Sikhs? (A) Guru Amardas (B) Guru Nanakdev (C) Guru Arjundev (D) Guru Tegh Bahadur Ans : (B) 77. Gaya district of Bihar is associated with the name of Mahatma Buddha. In this district— (A) Mahatma Buddha was born (B) Mahatma Buddha gained enlightenment (C) Mahatma Buddha delivered his first sermon (D) Mahatma Buddha expired Ans: (B) 78. The ambitious road development project of India, known as the 'Golden Quadrangle Project',

will join four important places. Which are these places?

(A) srinagar, Kannyakumari, Porbandar and silchar

(B) Amritsar, Ahmedabad, Bengaluru and Guwahati

 (C) Delhi, Mumbai, Kolkata and Chennai (D) Jalandhar, Pune, Hyderabad and Dibrugarh Ans: (C) 79. The first Indian satellite was launched into space in 1975. What was it called? (A) Aryabhatta (B) Rohini (C) Insat-1A (D) IRS-1A
Ans: (C) 79. The first Indian satellite was launched into space in 1975. What was it called? (A) Aryabhatta (B) Rohini
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(C) Insat-1A (D) IRS-1A
Ans: (A)
80. Ashok Chakra is awarded for-
(A) Bravery in the face of enemy, during a war
(B) Bravery during anti-terrorist operations
(C) Life-saving
(D) All of the above
Ans: (A)
81. The Defence Research and Development Organization of India has developed a missile which
can be launched from a submarine. What is it named?
(A) BrahMos (B) Astra
(C) Prithvi-4 (D) K-15
Ans: (D)
82. The 'Param' series of super-computers was developed in India by which of the following
institutions?
(A) Indian Institute of Sciences
(B) Centre for Development of Advanced Computing
(C) Tata Institute of Fundamental Research
(C) Tata Institute of Fundamental Research (D) Electronic Corporation of India

83. Quite often, deltas are formed at river mouths. What is the reason for formation of delta?

(A) The flow of the river slows down considerably by the time it meets the sea. Hence, the sand and pieces of rocks carried by the river fall off at its mouth and collect in the form of a delta

(B) The tide in the sea stops the river from flowing into the sea the sand and pieces of rocks carried along by the river current fall off and form a delta

(C) Salts are present in seawater. When the river meets the sea, the sand and rock particles suspended in the river water get precipitated and they settle down at the bottom to form a delta

(D) None of the above

Ans : (A)

84. Food is cooked more quickly in pressure cooker, because—

(A) The boiling point of water is lowered in it

(B) The boiling point of water is raised in it

(C) It absorbs heat quickly

(D) It retains heat for a longer time

Ans : (B)

85. Optical fibers are hair-thin tubes of special glass and light can pass through them from end to end. Their special property is that light continues to travel through them even when they are bent. Which property of light underlies this phenomenon?

(A) Total internal reflection (B) Refraction

(C) Diffraction (D) Polarization

Ans : (A)

86. Why are Polaroids used in sunglasses?

(A) For the sake of fashion

(B) To reduce the glare

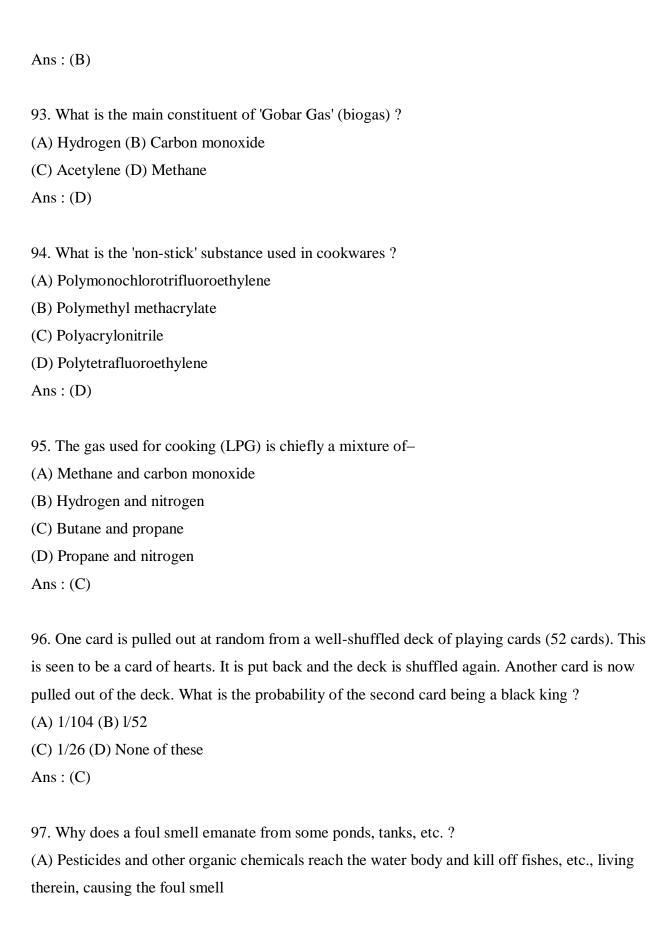
(C) To improve resolving power of the eyes

(D) None of the above

Ans: (B)

87. When an aeroplane is flying at a great height, the sky appears black to its passengers. Why?

 (A) The dust particles and droplets of water present in the atmosphere absorb the light and do not allow it to reach the eyes of the passengers (B) The atmosphere is very rare at great heights and so the scattering of light is negligible (C) The light is so polarized that no part of it is able to reach the eye of the passengers (D) None of the above Ans: (B)
88. The image formed by an object on the retina of the human eye is— (A) Real and inverted (B) Real and upright
(C) Virtual and inverted (D) Virtual and upright Ans: (A)
89. A heater running on 220 volt takes 5 minute to boil a quantity of water. If the heater is run on 110 volt instead of 220 volt, how much time will it take to boil the same quantity of water? (A) 10 minute (B) 15 minute (C) 20 minute (D) 25 minute Ans: (C)
90. A GM counter is used for detecting—
(A) Underground oil (B) Coal
(C) Radioactivity (D) Methane gas Ans: (C)
91. In which organ of the body is the red blood corpuscle made?
(A) Liver (B) Bone marrow
(C) Kidneys (D) Heart Ans: (B)
92. The edible potato is the modified form of which part of the plant?
(A) Roots (B) Stem
(C) Flower (D) None of these



(B) Fertilizers used in farming reach the water body and give rise to excessive growth of aqueous plants. When these plants die, excessive quantities of organic matter are collected, depleting dissolved oxygen and causing foul smell

(C) Household wastes contain small quantities of mercury, cadmium, copper, zinc, etc., which pollute the water bodies, causing the death of fishes and other aquatic organisms and leading to foul smell

(D) None of the above

Ans : (B)

98. Government of India calendars show dates both in Christian era (AD) and Saka era. In which year did the Saka era start?

(A) 150 BC (B) 130 BC

(C) 56 BC (D) AD 78

Ans : (D)

99. Who was the first woman ruler of India?

(A) Nurjahan (B) Razia Sultan

(C) Chandbibi (D) Durgavati

Ans : (B)

100. Who founded the Chalukya dynasty in South India?

(A) Harihara (B) Pulakesin

(C) Parantaka (D) Bukka

Ans: (B)

- 1. Kip1vastu is related to
- (1) Mahatma Gandhi
 - (2) Lord Mahavir
- (3) Lord Krishna

(4) Lord Buddha
Ans:-4
2. In a human body, kidney is a part of which system?
(1) Excretion.
(2) Digestion.
(3) Respiration.
(4) Nerves.
Ans:-1
3. Which of the following is not a component of human blood?
(1) DNA
(2) Plasma
(3) RBC
(4) Platelets
Ans:-1
4. Without which of the following organs a human being can work?
(1) Teeth
(2) Tonsils
(3) Liver
(4) Skin

Ans:-2

5. Which of the following will show correct standard time of Hong
Kong in the context of Indian Standard Time (1ST)?
(1) IST – 2.30 hours
(2)IST + 8 hours
(3)IST – 10 hours
(4) IST + 2.30 hours
Ans:-2
6. Noise of sound is measured in
(1) Decibel
(2) Pascal
(3) Light year
(4) Astronomical units
Ans:-1
7. On Fahrenheit scale, 98.6°F is equivalent to — on Celsius scale.
(1)37°
(2) 54.7°
(3)61°
(4)64°
Ans:-1

8. A speed of 15 feet/second is equivalent to

(1) 45.45 m/sec.
(2) 49.2 m/Sec.
(3) 4.95 m/sec.
(4) 4.57 rm/sec.
Ans:-4
9. The pH of the juice of lemon is:
(1)9
(2)0
(3)2.4
(4)7
Ans:-3
10. Yuri Gaggin is related to
(1) Space exploration
(2) Politics
(3) Sports
(4) Pure science
Ans:-1
11. Which of the following planets takes maximum time in the revolution of the sun?
(1) Pluto
(2) Mercury

	(3) Venus
	(4) Jupiter
	Ans:-1
	12. What is the value of escape velocity from the surface of the earth?
2.	(1) 25 km/sec.
	(2) 1 km/sec.
	(3) 5 km/sec.
3.	(4) 11km/sec.
	Ans:-4
4.	13 In the film Gandhi' of Richard Attenborou who played Gandhi?
	(1) Girish Karnad
	(2) Ben Kingsley
5.	(3) Nasiruddin Sah
	(4) Riciard Gere
	Ans:-2
	14. Which of the following companies is related to power-generation?
6.	(I) BPCL
	(2)NTPC
	(3) RITES
	(4) NTC

7.	15. Which of the following states does not touch the boundary of Chhattisgarh state?
	(1)Orissa.
	(2) Andhra Pradesh
	(3) West Bengal
	(4) Maharashtra
	Ans:-3
	16. Which of the following cities is farthest from Ahmedabad?
	(1) Vishakhapatnam.
	(2) Panaji.
	(3) Aizol.
	(4) Kolkata.
	Ans:-3
	17. Identify the Indian state from the following information.
	(i) The capital of state-is a famous hill-station
	(ii) The Khasi community inhabits there
	(1) Nagaland
	(2) Meghalaya
	(3) Himachal Pradesh
	(4) Mizoram.

Ans:-2
18. Identify the place on the basis of following information.
(i) It was under Portugal control
(ii) It is situated near veraval port
(1) Lakshadwip
(2) Daman
(3) Diu
(4) Goa
Ans:-1
19. In which state are the Aravalli Ranges located?
(1)Rajasthan
(2) Himachal Pradesh
(3) Orissa
(4) Maharashtra
Ans:-1
20. Which of the following countries is not a member of SAARC?
8. (1) Pakistan
(2) Nepal
(3) Bhutan
(4) Thailand