

1. For what is Pushkar town near Ajmer so famous?

- 1). The Natural Scenery 2). Picnic Spots
3). The KartikaPurnima Fair 4). It's Lake

Ans: 4 (According to Hindu scriptures, the sacred Pushkar Lake is described as 'Tirtha Raj', the king of all pilgrimage sites.).

2. The green colour in our National flag symbolises –

- 1). Truth 2) **Progress** 3). Sacrifice 4). Bravery

Ans: 2

3. Through which country does the Nile flow?

- 1) **Egypt** 2). France 3). Libya 4). U.A.E

Ans: 1

4. Railways were introduced in India when the Governor-General of India was

- 1). Canning 2). Curzon 3) **Dalhousie** 4). Rippon

Ans: 3

5. In which country is the holy city of Mecca situated?

- 1). Iran 2). Iraq 3) **Saudi Arabia** 4). Egypt

Ans: 3

6. Independence Day is celebrated on

- 1). January 26 2). August 11 3) **August 15** 4). August 13

Ans: 3

7. Who wrote the Pulitzer Prize winning book "God, of small things"?

- 1). Vikram Seth 2). Salman Rushdie
3) **Arundhati Roy** 4). Khushwant Singh

Ans: 3

8. The Unani form of medicine was developed during –

- 1). Indus Valley Civilisation 2). Harappan Civilisation
3) **Arab Civilisation** 4). None of the above

Ans: 3

9. Who were banjaras?

- 1). sort of gypsies 2). Soldiers 3). Priests 4). Princes

Ans: 1

10. Napoleon was the ruler of –

- 1). Italy 2). Germany 3). England 4). France

Ans: 4

11. Rig Veda is a collection of

- 1). songs. 2). ethical codes. 3). Hymns in praise of god 4). religious instructions.

Ans:

12. Which of these is not a Dravidian language?

- 1). Marathi 2). Tamil 3). Telugu 4). Kannada

Ans: 1

13. Computer and telephone lines are connected through –

- 1). Pager 2) Modem 3). Telex 4). Telegram

Ans: 2

14. Which one of these terms stands for poison?

- 1). Drug 2). Toxin 3). Potion 4). Suspension

Ans: 2

15. Who is considered to be the first citizen of India?

- 1). Prime Minister 2). President 3). Vice President 4). Defence Minister

Ans: 2

16. Maximum how many members does Rajya Sabha have?

- 1). 260 2). 255 3). 240 4) 250

Ans: 4

17. Which is the oldest coal-based steam engine in India?

- 1) Fairy Queen 2). Princess 3). Nilgris Queen 4). Darjeeling Queen

Ans: 1

18. On which date is Teachers day celebrated?
 1) 5th September 2). 5th March 3). 5th October 4). 5th November

Ans: 1

19. Which planet completes one revolution round the sun in 88 days?
 1). Earth 2). Mercury 3). Pluto 4). Uranus

Ans: 2

20. Which geographical line passes (east-west) through the middle of India?
 1). Equator 2). Axis
 3). Tropic of Cancer 4) Tropic of Capricorn

Ans: 4

21. IRCON is a company associated with
 1). Construction 2). Cement 3). Coffee 4). Consumables

Ans: 1(a PSU under Indian Railways)

22. In computer terminology, RAM stands for -
 1) Random Access Memory 2). Read Access Memory
 3). Read auto memory 4). Read Arithmetic Memory

Ans: 1

23. Where is the Indian Institute of Science?
 1). Pune 2). Izat Nagar 3). Bangalore 4). Delhi

Ans: 3

24. What is a person who sells flowers called?
 1). Grocer 2) Florist 3). Floral 4). Vendor

Ans: 2

25. Which of these countries is not in Asia?
 1). Bangladesh 2). Hong Kong 3). North Korea 4). Egypt

Ans: 4

26. The International Monetary Fund (IMF) came into existence with the
 1). London Conference 2). Berlin Conference

3). Bretton Woods Conference 4). Rome Conference

Ans: 3.

(The Bretton Woods Conference, officially known as the United Nations Monetary and Financial Conference, was a gathering of delegates from 44 nations that met from July 1 to 22, 1944 in Bretton Woods, New Hampshire, to agree upon a series of new rules for the post-WWII international monetary system.)

27. B.B.C. is -

- 1). A pharmaceutical multinational concern
- 2). Famous television & radio broadcasting channel
- 3). A business unit of United Kingdom
- 4). Company

Ans: 2

28. The measure which divides a distribution into ten equal parts is:

- 1). Percentile
- 2). Decile
- 3). Quartile
- 4). Deviation

Ans: 2

29. What are the monasteries perched on the high peaks of Himalayas

- 1). Stupas
- 2). Gompas
- 3). Chaityas
- 4). Caves

Ans: 2

30. Ranji Trophy is associated with the game of -

- 1) Hockey
- 2). Football
- 3). Swimming
- 4). Cricket

Ans: 4

31. Which is the capital of Belgium?

- 1) Brussels
- 2). Ghent
- 3). Bruges
- 4). Ostind

Ans: 1

32. Which country is known as the "Land of the Rising Sun"?

- 1). Japan
- 2). Korea
- 3). Thailand
- 4). China

Ans: 1

33. Which of the following is not a member of UNO?

- 1). Sweden
- 2). Finland
- 3). Norway
- 4). Switzerland

Ans: 4

34. Which king gave up war after witnessing its ghastly tragedy?

- 1). Hammurabi 2). Constantine 3). Cyrus 4). Ashoka

Ans: 4

35. What was the earlier name of Cambodia?

- 1). Kampuchea 2). Fiji 3). Persia 4). Mauritius

Ans: 1

36. Which is the national flower of India?

- 1). Sun flower 2). Rose 3). Lotus 4). Marigold

Ans: 3

37. Pick out the one whose motion cannot be deflected by electric or magnetic field...

- 1). Neutrons 2). Protons 3). Alpha - particles 4). Cathode rays

Ans: 1

38. Who among the following is not a scientist?

- 1). Dr. Rajendra Prasad 2). C.V.Raman
3). Dr. Yashpal 4). J.C.Bose

Ans: 1

39. Who was the first to propose the theory of natural selection for evolution?

- 1). Darwin 2). Einstein 3). Hooke 4). Pasteur

Ans: 1

40. Which one of the following is a mammal?

- 1). Peacock 2). Crocodile 3). Bat 4). Snake

Ans: 3

41. A substance which conducts electricity when molten or in solution but not in the solid state is called a/an –

- 1). Metal electrolyte 2). Non-metal 3). Electrolyte 4). Non-

Ans: 3

42. Who is Sherlock Holmes associate in his adventures?

- 1). Lestrade 2). Inspector West 3). Dr. Watson 4). Hercule Poirot

Ans: 3

43. What is the normal gap between two Olympic Games?

- 1) 2 Years 2).4 Years 3). 6 Years 4). 8 Years

Ans: 2

44. Itanagar is the capital of -

- 1) Himachal Pradesh 2). Arunachal Pradesh
3). Tripura 4). Mizoram

Ans: 2

45. We prefer common emitter configuration of a transistor for amplification, because...

- 1). Of large current gain and hence power gain
2). Of small current gain
3). Safety in operation
4). Of low power loss

Ans: 1

46. In which surface of atmosphere do the jet planes preferred to fly?

- 1). Ionosphere 2) Stratosphere 3). Ozonosphere 4). Troposphere

Ans: 2 (due to absence of atmosphere)

47. What is syntax?

- 1). Simple arrangement of words 2). A type of bird
3). Study of languages 4). None of the above

Ans: 1

48. Signals from nerves in the form of _____ impulses is comprehended by the brain.

- 1). Electrical 2). Mechanical 3). Chemical 4). Magnetic

Ans: 1

49. Which English General was responsible for Jalianwalabag massacre?

- 1). General Ganning 2). General Simon
3). General Dyer 4). General Mountbatten

Ans: 3

50. Which of the following cities has the Nation's first Mass Rapid Transport System (MRTS)?

- 1). **Chennai** 2). Bangalore 3). Delhi 4). Hyderabad

Ans: 1

51. The colours of thin liquid or oil films can be explained using...

- 1). Polarization 2) **interference** 3). Diffraction 4), refraction

Ans: 2

52. The electromagnetic waves travel with the velocity...

- 1). Of sound 2). **Of light**
 3). Greater than light 4). Less than that of light

Ans: 2

53. Ammonia is a compound of hydrogen with –

- 1). Oxygen 2) **Nitrogen** 3). Helium 4). None of these

Ans: 2 (NH₃)

54. Hydrofluoric acid is stored in a container made up of _

- 1). **Glass** 2). Tin 3). Teflon 4) Aluminium

Ans: 1

55. Which is the highest waterfall in the world? . ?

- 1). Niagara Falls 2). Victoria Falls 3). **Angel Falls** 4). Ribbon Falls

Ans: 3

56. ASEAN refers to the Association of South-East –

- 1). **Asian Nations** 2). Arab Nations 3). American Nations 4). African Nations

Ans: 1

57. Which of the following is equal to $[0.1/0.01+0.01/0.1]$

- 1). 1.01 2). 1.1 3). **10.1** 4). 10.01

Ans: 3

58. Which of these is a viral disease?

- 1). Syphilis 2). **Measles** 3). Rickets 4). Beriberi

Ans: 2

60. Which of the following is not a state?
 1). Sikkim 2). Manipur 3). Goa 4). Pondicherry
 Ans: 4
61. Bhagavatism centered around the worship of –
 1). Shiva. 2). Bhagavati. 3). Skanda. 4) Vishnu.
 Ans: 4
62. If the circumference of a circle is reduced by 50%, area of the circle is reduced by 1).
 25% 2). 50% 3). 65% 4). 75%
 Ans: 4
63. To evaluate the ages of ancient object the following method is adopted.
 1). Nuclear fission 2). Nuclear fusion
 3). Radio carbon dating 4). Artificial radio activity
 Ans: 3
64. Pencil 'lead' is made up of –
 1). Graphite 2). Lead oxide 3). Lamp black 4). Charcoal
 Ans: 1
65. Water plants are put into an aquarium to provide –
 1. Oxygen dioxide 2). Decoration 3). Food 4). Carbon
 Ans: 1
66. The founder of Kalakshetra is
 1). Sheela Sharma 2). Rukmini Devi Arundale
 3). Malavika Sarukkai 4). Chitra Visweswaran
 Ans: 2 (At Adayar, Chennai)
67. A transformer works on...
 1) a.c only 2). d.c. only
 3). High voltage only 4). Both a.c and d.c. only
 Ans: 1

68. Which of the following does not exhibit allotropy?

- 1). C 2). SI 3). Sn 4) Pb

Ans: 4

69. Name the book for which Rabindranath Tagore was awarded the Nobel Prize.

- 1) Gitanjali 2). Kavitanjali 3). Shradanjali 4). Pushpanjali

Ans: 1

70. Akbar's objective in promulgating Din-i-Ilahi was to –

- 1). Unite all religions 2). Win over the Hindu majority
3). Be the religious head 4). Curb the authority of the Mullahs

Ans: 2

71. Brine is a mixture of –

- 1) Sodium & Chloride 2). Sodium & Oxygen
3). Sodium & Carbon 4). Sodium & Zinc

Ans: 1

72. Who first discovered that the earth revolves round the sun was

- 1). Dalton 2). Einstein 3). Copernicus 4). Newton

Ans: 3

73. Which river is called as "Bengal's sorrow"?

- 1). Ganges River 2). Damodar River 3). Sundarbans 4). Bay of Bengal

Ans: 2

74. Atoms of the same element, having the same atomic number, that differ in mass number (and hence atomic weight), are called -

- 1). Isotopes 2). Isomers 3). Isobars 4). Isohyets

Ans: 1

75. The acid used in lead-acid batteries is –

- 1). Acetic acid 2). Hydro chloric acid
3) Sulphuric acid 4). Nitric acid

Ans:

76. Among the following, which of the following is the major source of environmental pollution

- 1). Rolling mills
2). Thermal Power plants
3). Automobiles
4). Floor mill

Ans: 2

77. What is the colour of the human brain?

- 1). Red
2). Tan
3). Pink
4). Pink grey

Ans: 4 (The human brain color physically appears to be white, black, and red-pinkish while it is alive and pulsating.)

78. Which of the following is not a coastal city?

- 1). Mumbai
2). Chennai
3). Kolkata
4) Bangalore

Ans: 4

79. Which one of the following gases is considered as atmospheric pollutant?

- 1). Oxygen
2). Ozone
3) Sulphur dioxide
4). Nitrogen

Ans: 3

80. Myanmar is the new name of

- 1). Nepal
2). Japan
3) Burma
4). Sri Lanka

Ans: 3

81. ISRO stands for –

- 1). Indian Space Research Organisation
2). International Science Research Organisation
3). International Space Research Organisation
4). Indian

Ans: 1

82. Which of the following personalities is not a scientist?

- 1). Dr. Amratya Sen
2). Dr. Yashpal
3). Prof. A.P.J. Abdul Kalam
4). Dr. J. C. Bose

Ans: 1

83. Find the odd one out.

- 1). Cancer
2). Aries
3). Aquatic
4). Capricorn

Ans: 3

84. With which game is the legendary Maradona associated?
 1). Badminton 2). Tennis **3) Football** 4). Athletics
Ans: 3
85. Heat travels through a vacuum by –
 1). Conduction only 2). Convection only
3). Radiation only 4). Both conduction and convection
Ans: 3
86. Viruses cause the disease
1) Measles 2). Diphtheria 3). Typhoid 4). Tuberculosis
Ans: 1
87. Which of the following industry usually requires the highest consumption of water for its functioning
 1). Foundry 2). Steel plant
 3). Automobile Industry **4). Paper mill**
Ans: 4
88. **Across which river is the Jalaput Dam built?**
1). Machkund River 2). Bhavani River
 3). Malampuzha River 4). Krishna River
Ans: 1. (The Jalaput Dam is a hydroelectric dam built on the Machkund River, a tributary of the Godavari River in India which rises in the Mudugal hills of Visakhapatnam District and nearby Ondra Gadda it becomes the boundary between Andhra Pradesh and Odisha)
89. Who is the supreme commander of the armed forces in India?
 1). Air Chief Marshal 2). Admiral
3) President of India 4). Defence Minister
Ans: 3
90. The ionization power is very high for
 1). Cathode rays **2). Alpha rays** 3). Beta rays 4). Gamma rays

Ans: 2

Table: Properties of the three Primary Radiation types

Particle	Symbol	Mass	Penetrating Power	Ionizing Power	Shielding
alpha	α	4 amu	Very Low	Very High	Paper and Skin
beta	β	1/1837 amu	Intermediate	Intermediate	Aluminum
gamma	γ	0 (energy only)	Very High	Very Low	2 inches lead

[https://chem.libretexts.org/Courses/Furman_University/CHM101%3A_Chemistry_and_Global_Awareness_\(Gordon\)/05%3A_Basics_of_Nuclear_Science/5.04%3A_Ionizing_Radiation_and_Non-ionizing_Radiation](https://chem.libretexts.org/Courses/Furman_University/CHM101%3A_Chemistry_and_Global_Awareness_(Gordon)/05%3A_Basics_of_Nuclear_Science/5.04%3A_Ionizing_Radiation_and_Non-ionizing_Radiation)

The diagram illustrates the penetration of four types of radiation through different materials. From left to right, the materials are Paper, Metal, Water, Concrete, and Lead. Alpha radiation (represented by a green double-helix) is stopped by Paper. Beta radiation (represented by a red dot) is stopped by Metal. Neutron radiation (represented by a green sphere) is stopped by Water. Gamma radiation (represented by a purple wavy line) passes through all the materials shown, being stopped only by Lead.

Fig. The ability of different types of radiation to pass through material is shown. From least to most penetrating, they are alpha < beta < neutron < gamma. (CC BY-SA, OpenStax).

91. Based on the relationship of the two given words, find out the correct pair of the word.

Touch is to Hold as Sip is to:

- 1). Swallow 2). Gulp 3). Chew 4). Drink

Ans: 4

92. Buddhism in Nepal was introduced during the reign of -

- 1). Samudragupta 2). Ashoka 3). Chandragupta 4). Harsha

Ans: 2

93. The atoms of elements in the same group must have the same -

- 1) Number of protons 2). Number of electrons in valence shell
3). Number electrons 4). Number of neutrons

Ans: 2

94. Which country is called as the 'Land of Lillies'?

- 1) Cuba 2). Sweden 3). Canada 4). Netherland

Ans: 3

95. A full set of permanent teeth consists of -

