

# **Bihar Police SI Prelims**

**Previous Year Paper  
(26 Dec 2021 Shift 1)**

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## 100 Questions

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**Que. 1** Who was awarded Nobel prize in literature for 2021?

1. Abdurrazak Gurnah
2. Syukuro Manable
3. David Macmillan
4. Avdem Pataputian

Correct Option - 1

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**Que. 2** The first opium war ended by the treaty of

1. Nanking
2. Tienntsin
3. Peking
4. Tianjin

Correct Option - 1

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**Que. 3** 'Orunodoi Scheme' is launched by which State?

1. Meghalaya
2. Assam
3. Tripura
4. Mizoram

Correct Option - 2

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**Que. 4** Badminton was included for the first time in Asian Games in which year?

1. 1960
2. 1962
3. 1964
4. 1966

Correct Option - 2

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**Que. 5** 'Anchor' term is used in

1. Long Jump
2. Relay Race
3. Marathon Race
4. Javelin Throw

Correct Option - 2

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**Que. 6** Chen meng is a champion player of which sport?

1. Tennis
2. Ice hockey
3. Table Tennis
4. Badminton

Correct Option - 3

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**Que. 7** Kirchoff's current law is based on conservation of \_\_\_\_\_ while Kirchoff's voltage law is based on conservation of \_\_\_\_\_

1. Mass, Charge
2. Energy, Charge
3. Charge, Energy
4. Charge, Mass

Correct Option - 3

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**Que. 8** Which of the following ministry has launched FIT mobile application.

1. Sports Ministry
2. Health and Family Welfare Ministry
3. Power Ministry
4. Tribal Affairs Ministry

Correct Option - 1

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**Que. 9** The capital of Harshavadhan's empire was

1. Kannauj
2. Pataliputra
3. Prayagraj
4. Vallabhi

Correct Option - 1

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**Que. 10** Which of the following companies started selling humulin in the year 1983?

1. Eli Lilly
2. Genetech
3. G E A C
4. Biocorn

Correct Option - 1

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**Que. 11** Who among the following is the author of the book 'A promised Land' ?

1. Eleanor Cotton
2. Barack Obama
3. Vladimir Putin
4. Donald Trump

Correct Option - 2

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**Que. 12** "SONAR" is the abbreviation of

1. Small navigation and random
2. Sky navigation and ranging
3. Sun nuclear ranging
4. Sound navigation ranging

Correct Option - 4

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**Que. 13** Complete the sequence-

Z<sup>3a</sup>, W<sup>5d</sup>, T<sup>8g</sup>, Q<sup>12j</sup> \_\_\_\_\_

1. M<sup>16m</sup>
2. M<sup>17n</sup>
3. N<sup>16n</sup>
4. N<sup>17m</sup>

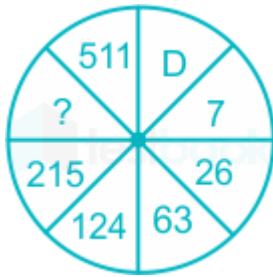
Correct Option - 4

**Que. 14** Which of the following metal in water causes Minamata disease?

1. Lead
2. Cadmium
3. Mercury
4. Arsenic

Correct Option - 3

**Que. 15**



The missing number is

1. 274
2. 315
3. 342
4. 411

Correct Option - 3

**Que. 16** The Gandhara School of Art is synthesis of-

1. Indian and Persian Art
2. Indian and Chinese Art
3. Indian and Turk-Afghan Art
4. Indian and Greek Art

Correct Option - 4

**Que. 17** India's first solar powered textile mill will be established at which place?

1. Parbhani, Maharashtra
2. Kachchh, Gujarat
3. Bhilwara, Rajasthan
4. Coimbatore, Tamil Nadu

Correct Option - 1

**Que. 18** Which of the state has the first place in tea production in India?

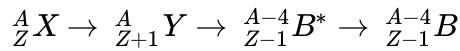
1. West Bengal

2. Assam
3. Karnataka
4. Tamil Nadu

Correct Option - 2

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**Que. 19** The sequence of particles emitted in the following nuclear decay is-



1.  $\gamma, \beta, \alpha$
2.  $\beta, \gamma, \alpha$
3.  $\alpha, \beta, \gamma$
4.  $\beta, \alpha, \gamma$

Correct Option - 4

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**Que. 20** the Odisha Government has launched which one of the following web portal to promote inter-cast marriage?

1. Sumangal
2. Subh Vivah
3. Amantaran
4. Shubhashish

Correct Option - 1

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**Que. 21** In which year was the water (Prevention and control of pollution) Act Implemented in India?

1. 1986
2. 1981
3. 1972
4. 1974

Correct Option - 4

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**Que. 22** Who from the following is felicitated the Gyanpith Award for his contribution to Hindi literature?

1. Krishna Sobti
2. Satyavrat Shastri
3. Raghuvir Chourdary
4. Indira Goswami

Correct Option - 1

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**Que. 23** XXXIII 2024 Olympic Games will be hosted by -

1. Los Angeles
2. Gangwo
3. Paris
4. Athens

Correct Option - 3

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**Que. 24** Which one of the following Acts established the Federal Court in India?

1. Government of India Act, 1909

2. Government of India Act, 1919
3. Montague Chelmsford Report
4. Government of India Act, 1935

Correct Option - 4

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**Q**

2. Buland Darwaza
3. Alai Darwaza
4. Qutub Darwaza

Correct Option - 3

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**Que. 26** Ashoka Chakra gallantry award was instituted in the year

1. 1947
2. 1950
3. 1952
4. 1967

Correct Option - 3

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**Que. 27** Who is the author of the book "Happiness all around"?

1. Meena Nayyar
2. Abhijita Gupta
3. Anupam Kher
4. Sriram Chakradhar

Correct Option - 2

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**Que. 28** In a society meeting 10 people are present All people shake hands with each other once, How many total handshakes are there?

1. 90
2. 55
3. 40
4. 45

Correct Option - 4

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**Que. 29** Sanchi Stupa was originally built by which mauryan ruler?

1. Dashrath
2. bindusar
3. Ashoka
4. Chandra gupta

Correct Option - 3

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**Que. 30** The President can promulgate ordinances under-

1. Article 123
2. Article 143

3. Article 52
4. Article 300

Correct Option - 1

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**Que. 31** Who was the author of 'Utopia'?

1. Thomas More
2. William Shakespeare
3. Plato
4. Erasmus

Correct Option - 1

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**Que. 32** The Forest Research Institute of India is Located at-

1. New Delhi
2. Shimla
3. Nanital
4. Dehradun

Correct Option - 4

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**Que. 33** The Northern most point of India is-

1. Indira Point
2. Indira Col
3. Kibithu
4. Sir Creek

Correct Option - 2

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**Que. 34** For the purpose of developing small and medium enterprises in private sector the Industrial Credit and Investment Corporation was sponsored by :

1. IMF
2. UNO
3. Mission from World Bank
4. World Trade Organization

Correct Option - 3

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**Que. 35** The cooking method by which Idli is cooked is

1. Pressure cooking
2. Poaching
3. Steaming
4. Stewing

Correct Option - 3

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**Que. 36** India's active volcanic island is

1. Little Andaman
2. Car Nicobar
3. Barren Island

4. Landfall Island

Correct Option - 3

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**Que. 37** The fluorescent tube and neon sign bulbs consists of

1. Solid
2. Liquid
3. Amorphous Solid
4. Plasma

Correct Option - 4

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**Que. 38** Which of the following committees is related to fundamental duties ?

1. Sathnam committee
2. Kelkar Committee
3. Dhar Committee
4. Swaran Singh Committee

Correct Option - 4

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**Que. 39** Who one of the following painters of Jahangir's region was conferred the title of 'Nadir-Ul-Asra'?

1. Abul Hassan
2. Manohar
3. Bishandas
4. Ustad Mansoor

Correct Option - 4

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**Que. 40** The sugar present in milk is

1. Fructose
2. glucose
3. Lactose
4. Maltose

Correct Option - 3

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**Que. 41** Fazl Ali Commission is related to -

1. Foreign Policy
2. Reservation
3. Economic Development
4. States Reorganization

Correct Option - 4

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**Que. 42** Which of the following number is perfect square ?

1. 8649
2. 7749
3. 7531
4. 6275

Correct Option - 1



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**Que. 43** Odometer is an instrument used for the measurement of

1. Power
2. Fuel consumption
3. Force
4. Distance

Correct Option - 4

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**Que. 44** Apurvi Chandela is related to

1. Cricket
2. Chess
3. Shooting
4. Hockey

Correct Option - 3

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**Que. 45** Who was the Viceroy of India when the Quit India Movement was launched in 1942 by the Indian National Congress ?

1. Linlithgow
2. Lytton
3. Curzon
4. Ripon

Correct Option - 1

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**Que. 46** What is the population interaction where one species is benefitted and the other is neither benefitted nor harmed known as?

1. Predation
2. Mutualism
3. Parasitism
4. Commensalism

Correct Option - 4

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**Que. 47** To which of the following is Ramsar Convention related ?

1. Protection of wildlife
2. Protection of environment
3. Protection of rivers
4. Protection of wetlands

Correct Option - 4

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**Que. 48** Name the capital city of the Maratha ruler Chhatrapati Shivaji

1. Raigarh
2. Pune
3. Satara
4. Konkan

Correct Option - 1

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**Que. 49** Element used in making solar cells is -

1. Gold
2. Titanium
3. Silicon
4. Teflon

Correct Option - 3

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**Que. 50** The quickest freezing method in which liquid nitrogen or carbon dioxide is used is

1. Blast freezing
2. Plate freezing
3. Immersion freezing
4. Spray freezing

Correct Option - 4

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**Que. 51** Which organisation has developed 'C32LH2' cryogenic propellant tank for ISRO?

1. Bharat Heavy Electricals Limited
2. Bharat Electronics Limited
3. Hindustan Aeronautics Limited
4. NASA

Correct Option - 3

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**Que. 52** Which of the following has the largest population on a food chain ?

1. Producers
2. Primary consumers
3. Secondary consumers
4. Decomposers

Correct Option - 4

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**Que. 53** The total number of Param Vir Chakra awards, conferred on till date, is

1. 21
2. 27
3. 35
4. 43

Correct Option - 1

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**Que. 54** One of these is an essential amino acid

1. Alanine
2. Leucine
3. Serine
4. Glutamine

Correct Option - 2

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**Que. 55** Which of the following is NOT a feature of caste system in India ?

1. Caste is determined by birth

2. Caste groups are endogamous
3. Caste groups are exogamous
4. Caste membership involves rules about food and food sharing

Correct Option - 3

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**Que. 56** The most abundant antibody produced against allergens is -

1. IgE
2. IgG
3. IgM
4. IgA

Correct Option - 1

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**Que. 57** Ribosome of the cytoplasm, chloroplast and mitochondria are respectively

1. 80S, 80S and 70S
2. 80S, 70S and 70S
3. 70S in all
4. 80S in all

Correct Option - 2

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**Que. 58** 'Future Engineering Programme' has been launched in India by -

1. TCS
2. Amazon
3. Wipro
4. Google

Correct Option - 2

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**Que. 59** The 42<sup>nd</sup> Constitutional Amendment Act shifted few subjects from State list to the Concurrent list. Which of these is incorrectly mentioned below ?

1. Education, forest
2. Forest, Protection of wild animals
3. Education, Protection of birds
4. Forest, Local Government

Correct Option - 4

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**Que. 60** 'Dai Didi Clinic' Yojana has been started in which state ?

1. Sikkim
2. Chhattisgarh
3. Jharkhand
4. Madhya Pradesh

Correct Option - 2

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**Que. 61** A metro train leaves every thirty minutes from a station, An enquiry clerk told a passenger that the metro train had already left ten minutes ago and the next metro train will leave at 10:10. At what time did the enquiry clerk give this information to the passenger?

1. 9:30

2. 9:40
3. 9:50
4. 10:00

Correct Option - 3

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**Que. 62** 'Sapt Kranti' or 'Seven revolution' concept was propounded by

1. Rammanohar Lohia
2. V.V. Giri
3. Ramsawamy Naicker
4. Mahatma Gandhi

Correct Option - 1

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**Que. 63** Rainfall occurring in hot weather known as 'Mango Shower' in

1. Rajasthan
2. Kerala
3. Assam
4. West Bengal

Correct Option - 2

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**Que. 64** Country's second spaceport to launch small satellites is being developed in -

1. Andhra Pradesh
2. Tamil nadu
3. Kerala
4. Karnataka

Correct Option - 2

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**Que. 65** Who was the founder of 'Gangaikonda Cholapuram' ?

1. Vijayalaya
2. Rajaraja I
3. Kulottunga
4. Rajendra I

Correct Option - 4

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**Que. 66**  $642.\bar{5} \times 7$  is equal to

1.  $4494.\bar{5}$
2.  $4497.\bar{6}$
3.  $4494.\bar{8}$
4.  $4497.\bar{8}$

Correct Option - 4

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**Que. 67** The component in nuclear reactor which controls the chain reaction is \_

1. Moderator
2. Coolant
3. Control rods

4. Fuel

Correct Option - 1

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**Que. 68** Which of the following is a source of traditional authority according to weber?

1. Customs
2. Law
3. Bureaucracy
4. Police

Correct Option - 1

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**Que. 69** "Zero Hour" in Indian Parliamentary System implies the

1. Exact time when the question hour ends
2. Time between question hour and next item on the agenda when the members raise any matter without Permission of the chair,
3. Time allotted for the informal discussion between two Stages of discussion on a bill.
4. Specific time allotted for a discussion on budget.

Correct Option - 1

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**Que. 70** 'PURA' stands for -

1. Providing Urban Amenities in Rural Areas
2. Provision of Urban Amenities in Rural Areas
3. Policy of Urban Amenities in Rural Areas
4. None of these

Correct Option - 2

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**Que. 71** IMPEX, an index, is associated with which one of the following?

1. Farmers
2. Migration
3. Bureaucrats
4. Provision

Correct Option - 2

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**Que. 72** Philip Spratt an Englishman was convicted in -

1. Meerut conspiracy case
2. Lahore conspiracy case
3. Kanpur conspiracy case
4. Chitgaon conspiracy case

Correct Option - 1

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**Que. 73** In which state Namdapha National Park is located ?

1. Assam
2. Odisha
3. Arunachal Pradesh
4. Manipur

Correct Option - 3

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**Que. 74** In which state India's Highest Altitude Herbal Park is inaugurated, recently ?

1. Himachal Pradesh
2. Ladakh
3. Uttarakhand
4. Sikkim

Correct Option - 3

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**Que. 75** Which of the following country recently test-fired Tsirkon hypersonic missile from a submarine?

1. United States of America
2. Russia
3. China
4. Japan

Correct Option - 2

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**Que. 76** Which of the following is an example of a group ?

1. Passengers waiting at a railway station
2. Cinema audience
3. Audience of music concert
4. Members of family

Correct Option - 4

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**Que. 77** 'NISAR' is a joint project of ISRO and \_\_\_\_\_.

1. CNSA
2. JAXA
3. NASA
4. DRDO

Correct Option - 3

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**Que. 78** India is in size

1. Second largest country of the world
2. Fourth largest country of the world
3. Seventh largest country of the world
4. Sixth largest country of the world

Correct Option - 3

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**Que. 79** The seventh five year plan followed the development strategy of

1. Agricultural development - led growth
2. Industrial development - led growth
3. Service sector development - led growth
4. All of these

Correct Option - 1

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**Que. 80** Which country's Prime Minister chaired the 15th East Asia Summit?

1. Vietnam
2. Russia
3. India
4. Nepal

Correct Option - 1

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**Que. 81** Who is known as the 'Water Man' of India?

1. Sundar Lal Bahuguna
2. Rajendra Singh
3. Ramdev Mishra
4. Baba Amte

Correct Option - 2

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**Que. 82** Tropic of Cancer passes through which of the following group of Indian states?

1. Rajasthan, Madhya Pradesh, Bihar
2. Gujarat, Jharkhand, Tripura
3. Madhya Pradesh, Bihar, Tripura
4. Jharkhand, West Bengal, Meghalaya

Correct Option - 2

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**Que. 83** According to Durkheim, modern societies are characterized by

1. Economic Solidarity
2. Sustainable Solidarity
3. Organic Solidarity
4. Mechanical Solidarity

Correct Option - 3

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**Que. 84** Point inside the production potential

1. doable but not efficient
2. Efficient but not doable
3. Is feasible but not efficient
4. neither efficient not feasible

Correct Option - 3

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**Que. 85** Which ministry is associated with the sports award ?.

1. Ministry of Home Affairs
2. Ministry of Youth Affairs and Sports
3. Association of Indian Universities
4. University Grants Commission

Correct Option - 2

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**Que. 86** Who has given the concept of class struggle?

1. Karl Marx

2. Max weber
3. Herbert Spencer
4. Emile Durkheim

Correct Option - 1

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**Que. 87** How many numbers are there between 55 and 555 including both the extreme values which are divisible by 5?

1. 100
2. 101
3. 111
4. 110

Correct Option - 2

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**Que. 88** Cuts, burns and raw surfaces can harbour which bacteria?

1. Bacillus Cereus
2. Salmonella Typhi
3. Clostridium Botulinum
4. Staphylococci

Correct Option - 4

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**Que. 89** The function of Central Vigilance Commission of India is -

1. To supervise investigating agencies in the country.
2. To expedite decisions on pending criminal cases in the Court of law.
3. To scrutinize utilization of expenditure on development schemes of the government.
4. To investigate cases against public servants.

Correct Option - 1

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**Que. 90** Economics is best defined as the study of -

1. how to run a business most profitable
2. how to predict stock prices
3. how society manages its scarce resources
4. how the government can control pollution.

Correct Option - 3

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**Que. 91** When a few drops of iodine solution are added to rice water, the solution turns blue-black in color. This indication that rice water contains -

1. Fats
2. Complex proteins
3. Starch
4. Simple proteins

Correct Option - 3

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**Que. 92** The colors seen in the reflected white light from a thin oil film are due to -

1. Diffraction
2. Interference



3. Polarization
4. Dispersion

Correct Option - 2

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**Que. 93** Which sector is associated with 'SWAYAM' portal?

1. Education
2. Industry
3. Women Empowerment
4. Insurance

Correct Option - 1

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**Que. 94** The study of human behaviour in context of face to face interaction is known as -

1. Macrosociology
2. Microsociology
3. Traditional study
4. Modern study

Correct Option - 2

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**Que. 95** Which day is observed as 'World Cancer Day'?

1. 4<sup>th</sup> February
2. 4<sup>th</sup> December
3. 4<sup>th</sup> January
4. 4<sup>th</sup> March

Correct Option - 1

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**Que. 96** The weight of discus for men is

1. 2.50 kg
2. 2.00 kg
3. 2.75 kg
4. 2.25 kg

Correct Option - 2

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**Que. 97** According to 2001 census, the population of India was -

1. 1022 million
2. 1024 million
3. 1025 million
4. 1029 million

Correct Option - 4

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**Que. 98** Which are the four countries involve in QUAD?

1. USA, Russia, Britain, Australis
2. Japan, India, France, Germany
3. Qutar, USA, Australia, Denmark

4. USA, Japan, India, Australia

Correct Option - 4

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**Que. 99** In which state of India, 'Kati Bihu' festival is celebrated?

1. Mizoram
2. Assam
3. Arunachal Pradesh
4. Sikkim

Correct Option - 2

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**Que. 100** Pele is a famous player of

1. Hockey
2. Football
3. Basketball
4. Volleyball

Correct Option - 2