

# **UPSSSC**

## **Chackbandi Lekhpal**

**Previous Year Paper**  
**30 Sept 2019 Shift 2**

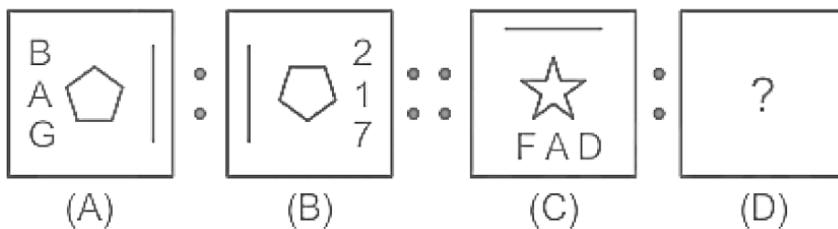


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## 150 Questions

**Que. 1** Which of the following options will follow Figure C in the same way as Figure B follows Figure A?

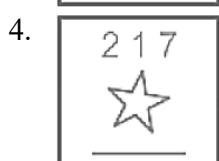
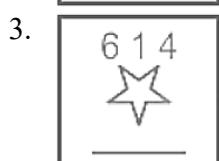
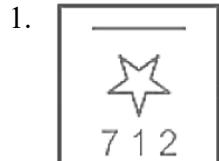


(A)

(B)

(C)

(D)



Correct Option - 3

**Que. 2** Select the odd one from the following list of colors.

Orange, Violet, Brown, Red, Green, Blue, Yellow

1. Orange
2. Brown
3. Green
4. Blue

Correct Option - 2

**Que. 3** Read the following terms and determine which one is inconsistent in this group.

mean, range, variance, standard deviation, mode, refraction

1. Mean
2. Variance
3. Standard Deviation
4. Refraction

Correct Option - 4

**Que. 4** Read the following statements and select a Venn diagram representing the information given in the statements.

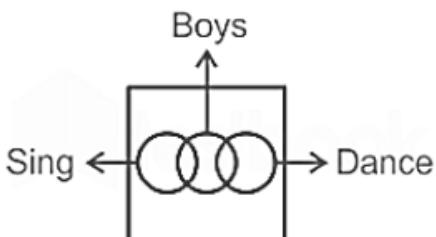


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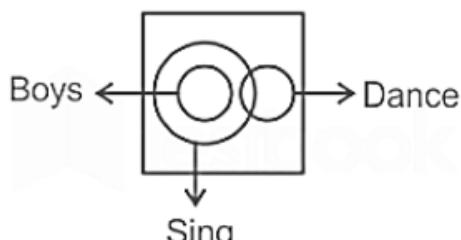
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1. Some boys can sing.
2. Some boys can dance.
3. Some boys can sing and dance.

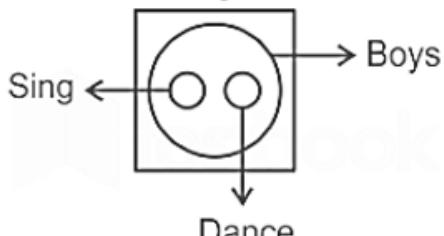
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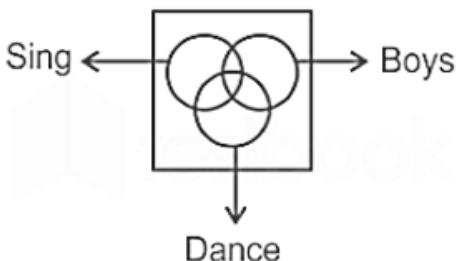
2.



3.



4.



Correct Option - 4

**Que. 5** All the surfaces of a cube are painted yellow. After that, that cube was cut into 64 smaller cubes of equal size. How many of these small cubes will be such that none of the surfaces will have a yellow color?

1. 4
2. 8
3. 12
4. 16

Correct Option - 2

**Que. 6** Sonam and Sheetal leave the same office and walk towards their respective homes. Sonam walks 12 km towards the north, then turns right and walks 5 km, and reaches her home. Sheetal goes south for 12 km, but turns to the left and covers a distance of 15 km to reach his house. What is the minimum distance between their houses?

1. 13 km
2. 17 km
3. 26 km
4. 34 km

Correct Option - 3



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**Que. 7** Given below is a statement followed by two conclusions. Read them carefully and decide which of the conclusion(s) logically follows the given statement(s).

**Statements:**

The quality of teachers in government schools has deteriorated and parents prefer to enroll their children in private schools.

**Conclusion:**

- I) The authorities should take immediate action to improve the quality of teachers in schools.
- II) All government schools should either be privatized or closed completely.

1. Only conclusion I follows
2. Only conclusion II follows
3. Either conclusion I or conclusion II follows.
4. Neither conclusion I nor conclusion II follows.

Correct Option - 1

**Que. 8** Select the option which is a valid assumption for the following statement.

**Statement :**

The Delhi government had imposed a complete ban on the use of firecrackers in the last Diwali due to pollution.

1. It is considered inauspicious to burn firecrackers during Diwali festival.
2. People want to celebrate Diwali only with lights and not with firecrackers.
3. Children prefer watching movies and playing video games instead of burning crackers.
4. Burning of crackers increases the smoke which increases the level of pollution in the city.

Correct Option - 4

**Que. 9** A statements given followed by two procedures. Read the statement and select which method(s) should be followed in the context of the given statement.

**Statement:**

There has been an increase in theft incidents this year as compared to last year.

**Mechanisms :**

- I. Police department should increase surveillance by deploying more number of policemen during night time.
- II. Residents should be advised to take extra precautions against strangers and deploy security guards and watchmen.

1. Only the procedure I should be followed
2. Only the procedure II should be followed
3. Both the procedures I and II should be followed
4. Neither the procedure I nor the procedure II should be followed

Correct Option - 3

**Que. 10** Select the alternative that is related to the third word in the same way as the second word is related to the first word.

Furniture : Plywood :: Flooring : ?

1. Walls
2. Tiles
3. Mattresses
4. Slippers



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Correct Option - 2

**Que. 11** Select the option that is related to the third word in the same way as the second word is related to the first word.

Cricket : Umpire :: Football : ?

1. Commander
2. Whistle Blower
3. Referee
4. Arbiter

Correct Option - 3

**Que. 12** In a certain code language, if 'WAITER' is coded as "XQCCLQ" and "ARTIST" is coded as "BSTQWF", then how will "BEGGAR" be coded in that code language?

1. COEXJD
2. CQGYJD
3. CSGCJJ
4. CQFZHF

Correct Option - 2

**Que. 13** In a certain code language, if 'SUMMER' is coded as "S21M13E18" and 'WINTER' is coded as "W9N20E18" then how will "AUTUMN" be coded in that code language?

1. A21T2INI3
2. A20U2IMI4
3. A21T21M14
4. A21U20N13

Correct Option - 3

**Que. 14** Pointing to a picture on the wall, Madan said, "That woman was the mother of the daughter of the son-in-law of the father-in-law of the mother of my son" How is Madan related to the woman in that picture?

1. father
2. son
3. brother
4. father-in-law

Correct Option - 3

**Que. 15** Four statements are given and four conclusions given. Mark which of the given conclusions(s) definitely follows from the given statement even if they seem to be at variance from commonly known facts.

**Statements:**

1. All boys can play
2. Some girls can sing
3. All girls can cook food
4. No boy can stitch,

**Conclusion:**

- I) No girl is play



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II) All girls can stitch.  
III) Some cooks are girls  
IV) Boys who play cannot sew

- Only conclusion III follows.
- Only conclusion III and IV follows.
- Only conclusion II and III follows.
- Only conclusion I and IV follows.

Correct Option - 1

**Que. 16** Read the following series and find which number will come in place of the question mark (?).  
7, 13, 21, 31, 43, 57, 73, ?

- 89
- 91
- 93
- 97

Correct Option - 2

**Que. 17** Rajan is shorter than Ramesh and Ramesh is taller than George. Choose the correct option according to the given information.

- Ramesh is the tallest.
- George is younger than Ramesh.
- George is taller than Rajan.
- Ramesh is taller than Rajan.

Correct Option - 1

**Que. 18** Which piece of information given in the alternatives will additionally be required to answer the following question?

**Question:**

The ages of three friends A, B, and C are the ratio of 5 : 4 : 3. What is the age of the oldest person?

- A is older than Both B and C
- A's age is an absolute multiple of 5
- B was 5 years old when C was born
- What is the difference between the ages of A and B there is same difference in age of B and C

Correct Option - 3

**Que. 19** Which piece of information given in the alternatives will additionally be required to answer the following question?

**Question:**

All the students passed in a class and all obtained a unique rank. Sushma got 7<sup>th</sup> rank and there are 4 boys ahead of her and the 9 girls behind her. What is the total number of students in the class?

- There are 2 girls ahead of Sushma
- The ratio of the number of girls to the number of boys is 2 : 3
- The number of boys is more than the number of girls in the class
- A girl ranked first in the class is Rekha.

Correct Option - 1



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**Que. 20** Choose the wrong one from the following.

1. USB
2. PCU
3. DAD
4. RTO

Correct Option - 1

**Que. 21** Choose the wrong one from the following.

1. Earthquake
2. Volcano
3. Tsunami
4. Global warming

Correct Option - 4

**Que. 22** Find the missing number in the following series.

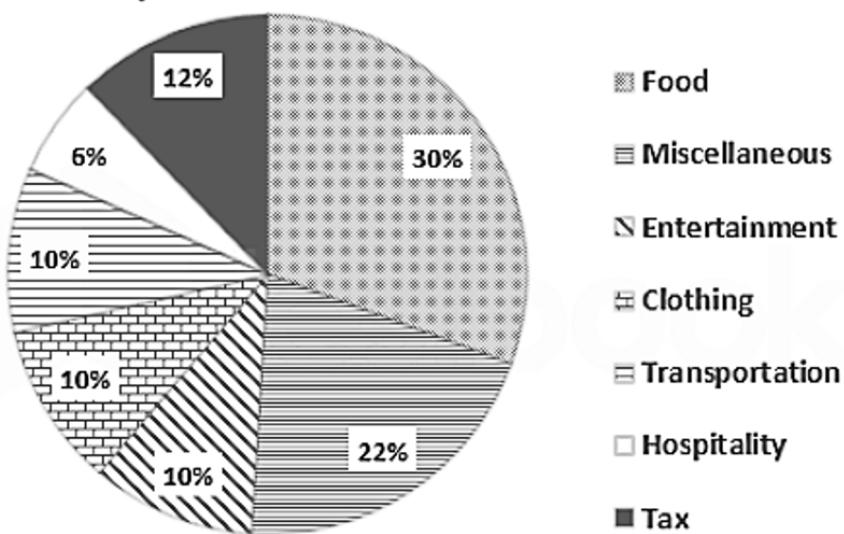
8, 24, 48, 80, ?, 168

1. 148
2. 112
3. 134
4. 120

Correct Option - 4

**Que. 23** Study the following pie chart, which shows the expenditure distribution of a fixed family, and answer the given question.

**Expenditure Details**



If the expenditure budget of the family is 18,000 per month. So what will be the monthly expenditure on entertainment, clothing and transportation of all the three items?

1. Rs 1800
2. Rs 3200
3. Rs 5400
4. RS 2800

Correct Option - 3



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**Que. 24** Nikhil, who is Raman's son, tells Isha, "Your mother Riya is my father's sister and my father is Suresh's second child."

How is Suresh related to Isha?

1. Father
2. Uncle / Mama / Warts
3. Brother
4. Grandfather

Correct Option - 4

**Que. 25** Three statements and two conclusions are given. Mark which conclusions from / exactly follow the given statements, even if they differ from commonly known facts.

**Statements:**

- I. All computer are laptops.
- II. All laptops are smartphones.
- III. Some smartphones are tablets.

**Conclusions:**

- I. Some tablets are computers.
- II. Some smartphones are computers.

1. Only conclusion I follows
2. Only conclusion II follows
3. Both conclusion I and II follow.
4. Neither conclusion I nor conclusion II follows.

Correct Option - 2

**Que. 26** When you open a new Excel workbook, how many worksheets are there by default at the time of opening?

1. One
2. Three
3. Five
4. Seven

Correct Option - 2

**Que. 27** Photoshop is a software program used extensively for image editing, graphic design, and digital art. Which of the following company has the rights to sell this software?

1. Microsoft Corporation
2. Apple Inc.
3. Oracle Corporation
4. Adobe Inc.

Correct Option - 4

**Que. 28** Edge Verve Systems is a wholly owned subsidiary of which Indian IT company?

1. Wipro
2. Infosys
3. HCL
4. TCS



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Correct Option - 2

**Que. 29** Which of the following country shares an international border with the state of Uttar Pradesh?

1. China
2. Nepal
3. Bhutan
4. Bangladesh

Correct Option - 2

**Que. 30** Which of the following district of Uttar Pradesh is surrounded by other districts of this state (ie, does not share border with any other state or country) ?

1. Saharanpur
2. Deoria
3. Hardoi
4. Lalitpur

Correct Option - 3

**Que. 31** Veteran superstar Amitabh Bachchan is from which city of Uttar Pradesh?

1. Prayagraj (Allahabad)
2. Kanpur
3. Meerut
4. Agra

Correct Option - 1

**Que. 32** The famous Banke Bihari temple is located in which city of Uttar Pradesh?

1. Sarnath
2. Varanasi
3. Vrindavan
4. Agra

Correct Option - 3

**Que. 33** Which of the following is the state animal of Uttar Pradesh?

1. Red panda
2. swamp deer
3. Indian wild gaur
4. wild buffalo

Correct Option - 2

**Que. 34** Saharanpur city of Uttar Pradesh is world famous for which of the following arts and crafts?

1. Bangles making
2. Perfumes and Fragrances
3. Wood Carving
4. Carpeting

Correct Option - 3



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**Que. 35** In which city of Uttar Pradesh is the Central Bird Research Institute (CARI) located?

1. Agra
2. Bareilly
3. Lucknow
4. Kanpur

Correct Option - 2

**Que. 36** The state of Oudh (also known as Oudh) was ruled by Muslim rulers from 1722 to 1856. Which of the following titles was adopted by the rulers while ruling Awadh?

1. Sultan
2. Emperor
3. Nawab
4. Sahib

Correct Option - 3

**Que. 37** Where is the famous Alai Darwaza built by Alauddin Khilji located?

1. Agra
2. Delhi
3. Awadh
4. Warangal

Correct Option - 2

**Que. 38** The historic city of Srirangapata, which is believed to be home to the tombs of Tipu Sultan and his father Hyder Ali, is located at a distance of about 15 km from which of the following cities?

1. Bangalore
2. Mangaluru
3. Mysore
4. Belgaum

Correct Option - 3

**Que. 39** Veteran freedom fighter, writer and educationist K. which of the following organizations was founded by K.M. Munshi?

1. Theosophical Society
2. Bharatiya Vidya Bhavan
3. Indian Statistical Institute
4. Indian School of Mines

Correct Option - 2

**Que. 40** The whole world sees the word 'Holocaust' specifically with which of the following countries?

1. Germany
2. Miss
3. China
4. Mexico

Correct Option - 1



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**Que. 41** During the Mughal rule, what was the exact role of a Kotwal?

1. Leading the army for war
2. Maintaining treasury
3. Collecting revenue
4. Maintaining law and order

Correct Option - 4

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**Que. 42** By which other name is the Child Marriage Restraint Act, 1929 also known?

1. Sharda Act
2. Vijayalakshmi Pandit Act
3. Naidn Act
4. Nanavati Act

Correct Option - 1

---

**Que. 43** In which city did Swami Dayanand Saraswati first establish the Arya Samaj in 1875?

1. Bombay (now Mumbai)
2. Ahmedabad
3. Pune
4. Calcutta (now Kolkata)

Correct Option - 1

---

**Que. 44** Megasthenes, who wrote the famous treatise Indica about India, originally belong to which country ?

1. Portugal
2. Greece
3. Min
4. Turkey

Correct Option - 2

---

**Que. 45** The famous 14<sup>th</sup> century mosque called atala Masjid (or Atala Mosque) is located in which city of Uttar Pradesh?

1. Jobganj
2. Haidergarh
3. Jaunpur
4. Fatehpur

Correct Option - 3

---

**Que. 46** Greenwich Mean Time (GMT) marks the beginning of the time zone on the globe, and is the time in any country measuring the number of hours ahead or behind GMT. Greenwich is located near which of the following cities?

1. London
2. Amsterdam
3. Chicago
4. New York

Correct Option - 1



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**Que. 47** Cholanaikan, Kurumba, Kutunaikan, Kadar and Korga are the primitive tribal groups of which part of India?

1. Andhra Pradesh
2. Andaman and Nicobar Islands
3. Kerala
4. Odisha

Correct Option - 3

**Que. 48** Hero Cycles is one of the largest bicycle manufacturers in the world. In which city did he first set up his shop in 1956?

1. Ludhiana, Punjab
2. Chennai, Tamil Nadu
3. Sonipat, Haryana
4. Kolkata, West Bengal

Correct Option - 1

**Que. 49** Trafalgar square is located in which city of the world?

1. Beijing
2. London
3. New York
4. Paris

Correct Option - 2

**Que. 50** The Writers' Building is the secretariat building of which state government of India?

1. Government of Telangana
2. Government of Karnataka
3. Government of West Bengal
4. Government of Gujarat

Correct Option - 3

**Que. 51** The city of Vijayawada in Andhra Pradesh is situated on the banks of which river?

1. Kaveri
2. Godavari
3. Mahanadi
4. Krishna

Correct Option - 4

**Que. 52** Azerbaijan, which was once a part of the Soviet Union (USSR), which of the following is its capital?

1. Ulaanbaatar
2. Kyiv
3. Baku
4. Tashkent

Correct Option - 3



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**Que. 53** Which of the following prizes is presented by the King of Norway and is often called the Nobel Prize in Mathematics?

1. Fields Medal
2. Abel Prize
3. Wolf Prize
4. Chern Medal

Correct Option - 2

**Que. 54** How many days is the official term of office of the governor of a state in India?

1. 3 years
2. 4 years
3. 5 years
4. 6 years

Correct Option - 3

**Que. 55** What is the color of Ashok Chakra in the Indian Tricolor (Tricolor) Flag?

1. Purple
2. Magenta
3. Navy Blue
4. Black

Correct Option - 3

**Que. 56** In the year 1950, which of the following fruits was adopted as the "National Fruit of India"?

1. Apple
2. Mango
3. Grapes
4. Banana

Correct Option - 2

**Que. 57** India's Accord Group and Oman's Ministry of Oil and Gas have signed an agreement worth 3.85 billion to build an oil refinery in which of the following country?

1. Afghanistan
2. Bhutan
3. Sri Lanka
4. Nepal

Correct Option - 3

**Que. 58** The doll made of a string puppet art from Rajasthan has recently won the Geographical Indication (GI) tag. By what name is this doll known?

1. Channapatna Doll
2. Kondapalli Doll
3. Puppet Doll
4. Khurja Doll

Correct Option - 3



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**Que. 59** Lakshmi Vilas Bank (LVB), a 93-year old bank from Tamil Nadu, is merged with a Mumbai-based financial entity. What is the name of this unit?

1. HDFC Bank
2. Indiabulls Housing Finance
3. Dewan Housing
4. Reliance Housing Finance

Correct Option - 2

**Que. 60** Which country has honored Indian Prime Minister Narendra Modi with its highest civilian award, the Zayed Medal, in April 2019?

1. Iran
2. Afghanistan
3. United Arab Emirates (UAE)
4. Malaysia

Correct Option - 3

**Que. 61** Vidarbha won the 2018-19 Ranji Trophy tournament. Which of the following team did it beat in the final in Nagpur in February 2019?

1. Tamil Nadu
2. Saurashtra
3. Rakesh Bhatnagar
4. Sandeep P. Trivedi

Correct Option - 2

**Que. 62** Who is the director of Tata Institute of Fundamental Research (TIFR), India's premier research institute based in Mumbai, as per information available as of March 2019?

1. K. R. N. Vyas
2. Shalini Bhatt
3. Rakesh Bhatnagar
4. Sandeep P. Trivedi

Correct Option - 4

**Que. 63** For both Andhra Pradesh and Maharashtra, the new year begins in the month of Chaitra. In Andhra it is called Ugadi. By what name is it referred to in Maharashtra?

1. Lavani
2. Baisakhi
3. Gudi Padwa
4. Bhau Beej

Correct Option - 3

**Que. 64** The grandson of Pandit Madan Mohan Malaviya, Justice Girdhar Malviya, has recently been appointed as Chancellor (Chancellor) of which famous university/institute?

1. Sharda University
2. Banaras Hindu University
3. Mahatma Jyotiba Phule Ruhelkhand University



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4. Chhatrapati Shahu ji Maharaj University

Correct Option - 2

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**Que. 65** In which city of Punjab is Guru Angad Dev University of Veterinary and Animal Sciences located?

1. Patiala
2. Ludhiana
3. Amritsar
4. Chandigarh

Correct Option - 2

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**Que. 66** The form of farming in which almost all the crops are grown or reared for the subsistence of the farmer and the family of the farmer is traditionally known as?

1. Livelihood agriculture
2. Minimalism farming
3. Kota farming
4. Institutional farming

Correct Option - 1

---

**Que. 67** Which one of the followings is not an edible Plantation crop?

1. Cocoa
2. Areca nut
3. Rubber
4. Tea

Correct Option - 3

---

**Que. 68** In computer terminology, what is the full form of PDF?

1. Printable Document Format
2. Print Dispatched File
3. Protocol Disc File
4. Portable Document Format

Correct Option - 4

---

**Que. 69** In which city of Uttar Pradesh will you find the following royal ghats: Assi Ghat, Manikarnika Ghat and Harishchandra Ghat?

1. Kanpur
2. Varanasi
3. Prayagraj
4. Ghazipur

Correct Option - 2

---

**Que. 70** The famous Iron Pillar of Delhi which has stood unabated for centuries is located in which of the following historical complex?

1. Jama Masjid Complex
2. Red Fort Complex
3. Qutub Minar Complex

4. Humayun's Tomb Complex

Correct Option - 3

---

**Que. 71** Ukai Dam is in which of the following state of India? It is the second largest dam in that state.

1. Gujarat
2. Telangana
3. Odisha
4. Maharashtra

Correct Option - 1

---

**Que. 72** "Bahujan Hitay Bahujan-Sukhay" is the Sanskrit based motto of which of the following National Institute?

1. Doordarshan
2. Banaras Hindu University
3. All India Radio
4. Indian Meteorological Department

Correct Option - 3

---

**Que. 73** To help farmers get better pricing for their coffee, the coffee Board has launched which of the following new Market Place apps?

1. Coffee Blockchain
2. Coffee cloud
3. Coffee Connect
4. Coffee Chaupal

Correct Option - 1

---

**Que. 74** Which of the following state has launched commission called PRANAM Aayog specifically to focus on the responsibility of aged parents of government employees?

1. Assam
2. Odisha
3. Tamil Nadu
4. Rajasthan

Correct Option - 1

---

**Que. 75** Where is the head office of Tea Board of India located?

1. Darjeeling
2. New Delhi
3. Kolkata
4. Kochi

Correct Option - 3

---

**Que. 76** What is the name of the research station established by India in Antarctica in the year 2015?

1. Dhruva
2. Hind
3. Sagarika

4. Bharati

Correct Option - 4

---

**Que. 77** Which of the following institutes was established as the first IIT (Indian Institute of Technology)?

1. IIT kanpur
2. IIt Bombay
3. IIT Kharagpur
4. IIT Madras

Correct Option - 3

---

**Que. 78** In how many years the orbit of Mars was complete in september 2018 through the Mars Orbiter Mission launched by ISRO?

1. 4 years
2. 5 years
3. 6 years
4. 7 years

Correct Option - 1

---

**Que. 79** In the water cycle, clouds are formed by which of the following processes?

1. evaporation
2. condensation
3. decomposition
4. melting point

Correct Option - 2

---

**Que. 80** Which of the following is a symptom of Vitamin C deficiency?

1. bleeding from the gums
2. coming out of the stomach
3. night blindness
4. abdominal pain

Correct Option - 1

---

**Que. 81** Which of the following is more at risk of having anemia?

1. Old man
2. Children
3. Pregnant women
4. Animals

Correct Option - 3

---

**Que. 82** Which of the following animals can spread rabies?

1. Lizard
2. Squirrel
3. Pigeon
4. Dog



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Correct Option - 4

**Que. 83** Which of the following an example of surface water resource ?

1. Lake
2. Well
3. Sea
4. Tanker

Correct Option - 1

**Que. 84** Which of the followings an inner planet or earth planet in our solar system?

1. Saturn
2. Jupiter
3. Mars
4. Uranus

Correct Option - 3

**Que. 85** A fuse protects an electric circuit by which of the following?

1. Overloading
2. Transforming one form of energy into another
3. Current sport
4. Current uptake

Correct Option - 1

**Que. 86** Which of the following instruments is used to detect the presence of electricity in a circuit?

1. Ammeter
2. Voltmeter
3. Rheostat
4. Galvanometer

Correct Option - 4

**Que. 87** What are the three basic units of electronic communication system?

1. transmitter, transmission channel and receiver
2. modulator, demodulator and repeater
3. transmitter, noise and information
4. transmitter, signal and modulator

Correct Option - 1

**Que. 88** The lowest temperature at which a substance catches fire. What is he called?

1. melting point
2. ignition temperature
3. boiling point
4. freezing point

Correct Option - 2



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**Que. 89** For what purpose a chemical added to food?

1. degradation
2. decomposition
3. protection
4. recycling

Correct Option - 3

**Que. 90** Which of the following statements about synthetic detergents is correct?

1. It works with both soft and hard water,
2. It does not work in hard water.
3. They work only in hard water.
4. They work only in soft water.

Correct Option - 1

**Que. 91** The use of chemicals for therapeutic effect is known by which of the following names?

1. Chemistry
2. Chemotherapy
3. Physiotherapy
4. Chromatography

Correct Option - 2

**Que. 92** Which of the following diseases is caused due to deficiency of Vitamin D?

1. Rickets
2. Scurvy
3. Night blindness
4. Pelagra

Correct Option - 1

**Que. 93** What is the recommended percentage of fat and sugar in the diet for a growing child?

1. 796
2. 2596
3. 1596
4. 3096

Correct Option - 1

**Que. 94** Based on United States Department of Agriculture (USDA) guidelines, how much daily calories should be ingested by localized men and women over the age of 30?

1. 1600 to 2200 calories
2. 1000 to 2000 calories
3. 1000 to 1400 calories
4. 1600 to 2400 calories

Correct Option - 1

**Que. 95** Hypocobalaminemia caused by deficiency of which of the following vitamins?



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1. Vitamin B12
2. Vitamin A
3. Vitamin C
4. Vitamin K

Correct Option - 1

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**Que. 96** Deficiency of Vitamin B<sub>3</sub> (Niacin) causes which of the following diseases?

1. Rickets
2. Beriberi
3. Night blind
4. Pellagra

Correct Option - 4

---

**Que. 97** Which of the following allergens cause allergic fever?

1. Seafood
2. Penicillin
3. Pollen
4. Walnuts, Almonds etc.

Correct Option - 1

---

**Que. 98** Which of the following controls the heartbeat and respiration?

1. Medulla oblongata
2. Spinal cord
3. Spinal nerve
4. Pituitary

Correct Option - 1

---

**Que. 99** Which of the following is the basic structural and functional unit of the nervous system?

1. Neuron
2. Nephron
3. Cerebrum
4. Cerebellum

Correct Option - 1

---

**Que. 100** Which is the non-metal used in swimming pools to kill germs?

1. Oxygen
2. Iodine
3. Chlorine
4. Nitrogen

Correct Option - 3

---

**Que. 101** Solve the following

$$\frac{10 - [5 - (5 + 10)] \div 5}{(-5 + 10) - (5 - 10) \div 5} = ?$$



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1. 1
2. 2
3. 5
4. 10

Correct Option - 2

**Que. 102** Solve the following

$$0.009/0.9 = ?$$

1. 1
2. 1.1
3. 0.1
4. 0.01

Correct Option - 4

**Que. 103** The sum of three consecutive odd numbers is 36 more than the first of these numbers. What is the middle number?

1. 15
2. 17
3. 19
4. 21

Correct Option - 2

**Que. 104** The average of ten numbers is 6. If each number is multiplied by 12, then what will be average of the new set of numbers?

1. 20
2. 28
3. 36
4. 72

Correct Option - 4

**Que. 105** If  $144/0.144 = 14.4/x$ , then what will be the value of x?

1. 0.0144
2. 0.144
3. 1.44
4. 14.4

Correct Option - 1

**Que. 106** The salaries of Arjun, Vikram and Vijay are in the ratio 2 : 3 : 5. If increments of 15%, 10% and 20% respectively are allowed in their salaries, then what will be the ratio of their new salaries?

1. 3 : 6 : 10
2. 23 : 33 : 60
3. 21 : 03 : 60
4. 23 : 35 : 60

Correct Option - 2



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**Que. 107** Express the following in decimal.

0.001%

1. 1
2. 0.001
3. 0.0001
4. 0.00001

Correct Option - 4

**Que. 108** A and B together can do a piece of work in 6 days. If A alone can complete the same work in 10 days, then in how many days can B alone complete that work?

1. 12 days
2. 13 days
3. 14 days
4. 15 days

Correct Option - 4

**Que. 109** Monish covers two-thirds of a certain distance at a speed of 4 km/h and the remaining part at a speed of 5 km/h in 1 hour 24 minutes. Find the total distance.

1. 6 km
2. 6.5 km
3. 8 km
4. 10 km

Correct Option - 1

**Que. 110** A man, a woman and a boy can do a piece of work in 2, 3 and 6 days respectively. To complete the work in half day how many boys are need to help 1 man and 1 woman?

1. 5
2. 6
3. 7
4. 10

Correct Option - 3

**Que. 111** Two right circular cylinders A and B have radii in the ratio 5 : 2 and their heights in the ratio 7 : 5. Find the ratio of curved surface areas of curves A and B.

1. 2 : 7
2. 7 : 2
3. 2 : 5
4. 5 : 2

Correct Option - 2

**Que. 112** If today is Saturday, after 71 days, what will happen?

1. Monday
2. Friday
3. Saturday
4. Sunday



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Correct Option - 1

**Que. 113** In ABC, AB = 6 cm and AD is the angle bisector of A. If BD : DC = 3 : 2, then what will be the value of AC?

1. 1 cm
2. 1.5 cm
3. 2 cm
4. 4 cm

Correct Option - 4

**Que. 114** If  $x^2 + (1/x^2) = 23$  and  $x > 0$ , then what is the value of  $x + (1/x)$ ?

1. 1
2. 2
3. 5
4. 6

Correct Option - 3

**Que. 115** Solve the following

$$(\cos^2 A - 1)(\cot^2 A + 1) + 1 = ?$$

1. -1
2. 0
3. 1
4. 2

Correct Option - 2

**Que. 116** If the standard deviation of a, b and c is t, then what will be the standard deviation of a + 6, b + 6 and c + 6?

1. t
2. t + 6
3. a + b + c
4. 6t

Correct Option - 1

**Que. 117** If  $ax^2 + bx + c = 0$  has root  $\alpha$  and  $\beta$  then which of the following will be one of the quadratic equations whose roots are  $1/\alpha$  and  $1/\beta$ ?

1.  $ax^2 + bx + c = 0$
2.  $bx^2 + ax + c = 0$
3.  $cx^2 + ax + b = 0$
4.  $cx^2 + bx + a = 0$

Correct Option - 4

**Que. 118** Let 'a' be a prime number and 'b' is a composite number such that  $a + b = 240$ . Also the L.C.M. of a and b is 4199. Find the value of a and b respectively.

1. 2, 217



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2. 17, 233
3. 19, 221
4. 13, 227

Correct Option - 3

---

**Que. 119** Which of the following numbers is the terminating decimal?

1.  $3/7$
2.  $4/7$
3.  $1/2$
4.  $2/3$

Correct Option - 3

---

**Que. 120** Tap A can fill a cistern in 18 minutes, B can fill it in 36 minutes and C in 54 minutes. Tap A opened for 1 minute after that tap B was opened for 4 minutes after that, tap C is opened. What is the total time (in minutes) required to fill the tank?

1. 50
2. 45
3. 60
4. 36

Correct Option - 1

---

**Que. 121** The present age of Remu and Alka is in the ratio of 3 : 2. 20 years ago. Which of the following cannot be the ratio of their ages?

1. 17 : 10
2. 8 : 5
3. 5 : 7
4. 9 : 5

Correct Option - 3

---

**Que. 122** The efficiency of Ram is twice that of Rahim. Ram can Complete a work in 6 days. In how many days will Rahim complete the same work?

1. 6
2. 3
3. 12
4. 9

Correct Option - 3

---

**Que. 123** If  $\sin \alpha - \cos \alpha = 3/5$ , then what will be the value of  $\sin \alpha \cos \alpha$ ?

1.  $8/25$
2.  $16/25$
3.  $9/25$
4.  $9/16$

Correct Option - 1

---

**Que. 124**



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When a number a increase by 20% and then decrease by 20 we get 160. If a number decreases by 20% and increases by 20, what will we get?

1. 144
2. 140
3. 152
4. 148

Correct Option - 2

**Que. 125** While selling 5 m cloth, the profit earned is equal to the purchase price of 2 m of that cloth. Find the profit percentage earned.

1. 40%
2. 30%
3. 45%
4.  $33\frac{1}{3}\%$

Correct Option - 1

**Que. 126** निर्देश: निम्नलिखित गद्यांश को पढ़ें और प्रश्नों के उत्तर दें।

साहित्योन्नति के साधनों में पुस्तकालयों का स्थान अत्यंत महत्वपूर्ण है। इनके द्वारा साहित्य के जीवन की रक्षा, पुष्टि और अभिवृद्धि होती है। पुस्तकालय सभ्यता के इतिहास का जीता-जागता गवाह है। **इसी वर्तमान के बल पर भारत को अपने अंतीत गौरव पर गर्व है।** पुस्तकालय भारत के लिए कोई नई वस्तु नहीं है। लिपि के आविष्कार से आज तक लोग निरंतर पुस्तकों का संग्रह करते रहे हैं। पहले देवालय, विद्यालय और नृपालय इनके संग्रहों के प्रमुख स्थान होते थे। इनके अतिरिक्त, विद्वज्जनों के अपने निजी पुस्तकालय भी होते थे। मुद्रणकला के आविष्कार से पूर्व पुस्तकों का संग्रह करना आजकल की तरह सरल बात न थी। आजकल साधारण स्थिति के पुस्तकालय में जितनी संपत्ति लगती है, उतनी इन दिनों कभी-कभी एक पुस्तक की तैयारी में लग जाया करती थी। भारत के पुस्तकालय संसार भर में अपना सानी नहीं रखते थे। प्राचीनकाल से मुगल सम्राटों के समय तक यही स्थिति रही। चीन, फारस प्रभृति सुदूर स्थित देशों से झुंड-के-झुंड विद्यानुरागी लंबी यात्राएँ करके भारत आया करते थे।

उपर्युक्त गद्यांश का उचित शीर्षक हो सकता है?

1. प्राचीन काल के पुस्तकालय
2. पुस्तकालय का इतिहास
3. पुस्तकों का संग्रह
4. पुस्तकालय और भारत

Correct Option - 4

**Que. 127** गद्यांश में रेखांकित अंश की उचित व्याख्या क्या होगी?

1. साहित्य की उन्नति का सबसे अधिक महत्वपूर्ण साधन पुस्तकालय है।
2. पुस्तकालय भारत की प्रसिद्धि के कारण रहे हैं। इस पुस्तकालयों के कारण चीन, फारस प्रभृति सुदूर देशों से झुंड के झुंड विद्यानुरागी लंबी यात्राएँ करके भारत आया करते थे। ये भारत के अंतीत गौरव का कारण है।
3. भारत के पुस्तकालय संसार भर में अपना सानी नहीं रखते थे।
4. मुद्रणकला के अविष्कार से पूर्व पुस्तकों का संग्रह करना आजकल की तरह सरल बात न थी। भारत ने संसार को पुस्तकों के संग्रह का महत्व सिखाया।

Correct Option - 2

**Que. 128** साहित्य की उन्नति का सबसे अधिक महत्वपूर्ण साधन क्या है?



1. देवालय
2. नृपालय
3. पुस्तकालय
4. मुद्रणालय

Correct Option - 3

**Que. 129** निम्नलिखित में किसके अंतर्गत नियुक्ति, छुट्टियों की स्वीकृति तथा पदवृद्धि आदि की सूचनाएँ दी जाती हैं?

1. पत्र
2. परिपत्र
3. प्रेस विज्ञप्ति
4. कार्यालय आदेश

Correct Option - 4

**Que. 130** निम्नलिखित में से किसका प्रयोग सरकारी स्तर पर अधिकतक भारतीय गजटों में प्रकाशित सरकारी नियम, आदेश, अधिकार और नियुक्तियों की सूचना के प्रसंग में होता है?

1. कार्यालय आदेश
2. अधिसूचना
3. ज्ञापन
4. परिपत्र

Correct Option - 2

**Que. 131** निम्नलिखित में से कौन सा संयुक्त स्वर नहीं है?

1. ए
2. ऐ
3. ऊ
4. ओ

Correct Option - 3

**Que. 132** निम्नलिखित में से कौन सा वर्ण दंत्य नहीं है?

1. त
2. द
3. ल
4. य

Correct Option - 4

**Que. 133** 'संयोग' में किस उपसर्ग का प्रयोग हुआ है?

1. सम्
2. सन्
3. संगी
4. सुन

Correct Option - 1



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**Que. 134** निम्नलिखित में से किस शब्दों में तद्धित प्रत्यय का प्रयोग हुआ है?

1. वार्षिक
2. भिड़त
3. लड़ाई
4. मिलाप

Correct Option - 1

**Que. 135** कौन सा शब्द तत्सम नहीं है?

1. पाश्व
2. पाषाण
3. पाहुना
4. पिटक

Correct Option - 3

**Que. 136** 'एवम्' का तद्धव रूप क्या होगा?

1. एवं
2. और
3. तथा
4. यों

Correct Option - 3

**Que. 137** 'गोद लिया हुआ पुत्र' के लिए उपयुक्त शब्द क्या होगा?

1. दत्त
2. दत्तक
3. दत्तचित्त
4. दंपती

Correct Option - 2

**Que. 138** 'मैने \_\_\_\_\_ में सोचा कि भला ऐसा क्यों होता है। - उचित रिक्त स्थान भरिए।

1. अंतः करण
2. मन
3. चित्त
4. आत्मा

Correct Option - 2

**Que. 139** 'उनके बिना तुम कुछ भी नहीं हो।' वाक्य में संबंधबोधक शब्द कौन सा है?

1. उनके
2. बिना
3. तुम



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4. कुछ

Correct Option - 2

**Que. 140** किस शब्द की वर्तनी शुद्ध है?

- पृष्ठ
- प्रयाप्त
- प्रदर्शनी
- व्रजभाषा

Correct Option - 3

**Que. 141** 'राम खाता होगा।' किस काल का उदाहरण

- संदिग्ध वर्तमान
- संदिग्ध भूत
- संदिग्ध भविष्य
- सामान्य भविष्य

Correct Option - 2

**Que. 142** निम्नलिखित में से कौन सा भाववाच्य का उदाहरण है?

- मैंने पुस्तक पढ़ी।
- पुस्तक पढ़ी जाती है।
- आम खाया जाता है।
- धूप में चला नहीं जाता।

Correct Option - 4

**Que. 143** निम्नलिखित में शुद्ध वाक्य कौन सा है?

- मैं आपके दर्शन करने आया हूँ।
- इस बात के कहने में किसी को संकोच न होगा।
- मैं अपनी बात के स्पष्टीकरण के लिए तैयार हूँ।
- ऐसी एकाध बातें और देखनें में आती हैं।

Correct Option - 1

**Que. 144** 'लेन देन', 'विरह मिलन', 'जड़ चेतन' आदि शब्द युग्मों के बीच किस विराम चिह्न का प्रयोग किया जाएगा?

- ,
- 
- :
- ;

Correct Option - 2

**Que. 145** नीचे दिए मुहावरे और उनके अर्थ के जोड़े में से एक जोड़ा गलत है, उसे पहचानें।

- अपने पैरों पर खड़ा होना = स्वावलंबी होना
- आँच न आने देना = ज़रा भी कष्ट या दोष न आने देना



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3. आसन डोलना = विचलित न होना
4. आसमान टूट पड़ना = गजब का संकट पड़ना

Correct Option - 3

**Que. 146** 'आँख का अँधा नाम नयनसुख' - लोकोक्ति का सही अर्थ चुनें।

1. गुण के अनुरूप नाम होना
2. गुण के विरुद्ध नाम होना
3. मूर्ख होना
4. मूर्खों में कुछ पढ़ा लिखा व्यक्ति

Correct Option - 2

**Que. 147** रचनाकार और रचना का कौन सा युग्म सही नहीं है?

1. तुलसी - रामचरित मानस
2. कुतबन - मिरगावत
3. जायसी - पद्मावत
4. मंझन - चित्रावली

Correct Option - 4

**Que. 148** 'कछुआ धर्म और मारेसि मोहि कुठावँ' किसकी रचना है?

1. अध्यापक पूर्ण सिंह
2. चंद्रधर शर्मा गुलेरी
3. भारतेंदु हरिश्चंद्र
4. रामवृक्ष बेनीपुरी

Correct Option - 2

**Que. 149** वर्ष 2016 का साहित्य अकादमी पुरस्कार किस रचनाकार को दिया गया?

1. मृदुला गर्ग
2. रमेशचंद्र शाह
3. रामदरश मिश्र
4. नासिरा शर्मा

Correct Option - 4

**Que. 150** 'संघ की राजभाषा हिन्दी और लिपि देवनागरी होगी।' यह भारतीय संविधान के किस अनुच्छेद में लिखा गया है?

1. 343
2. 344
3. 345
4. 347

Correct Option - 1



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