

# **UPSSSC**

## **Previous Year Paper**

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(1 Oct 2019 Shift 2)**

## 150 Questions

**Que. 1** Identify the different figure from the following geometrical figures.

Rhombus, Triangle, Square, Parallelogram, Rectangle, Trapezoid

1. Rhombus
2. Triangle
3. Parallelogram
4. Trapezoid

Correct Option - 2

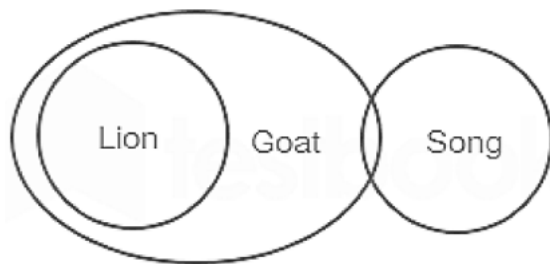
**Que. 2** Identify the incompatible from the following name groups.

Guava, Watermelon, Lettuce, Apple, Kiwi, Mango, Pear, Pomegranate

1. Lettuce
2. Kiwi
3. Pear
4. Pomegranate

Correct Option - 1

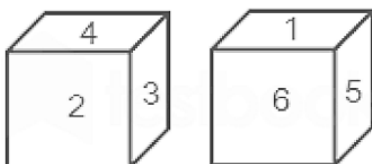
**Que. 3** Study the following diagram and select the option which is not correct.



1. Some lions are not goats
2. Some goats are lions
3. Some lions can be song
4. Some goats are song.

Correct Option - 1

**Que. 4** The following two dice positions are displayed. If 6 is exactly opposite to the face of number 4, then which number is exactly opposite to the face of number 3?



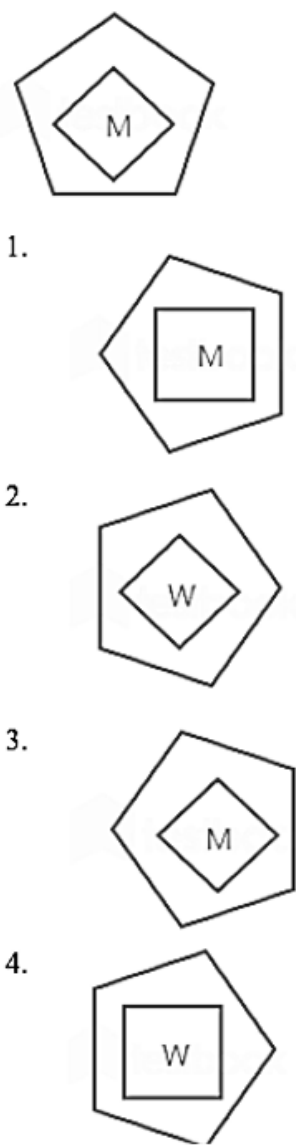
1. 1
2. 2
3. 5
4. 6

Correct Option - 1

- Que. 5** Deepak leaves his house to go to the office and walks 4 km towards the East, then turns left and walks 3 km. Her sister Deepika leaves the same house to go to college, walks 16 km east, and then turns left and walks 8 km. What is the shortest distance between office and college?
1. 10 km
  2. 13 km
  3. 17 km
  4. 18 km

Correct Option - 2

- Que. 6** If the pentagon shown in the following is rotated  $270^\circ$  thrice anti-clockwise, the rhombus is rotated four times clockwise by  $45^\circ$ , and the mirror image of the letter is used (mirror is placed at the right of letter M), what is the resulting figure? Will it be?



Correct Option - 3

- Que. 7** The following is a statement and two conclusions related to it. Read the statement and conclusions and determine which of the / (s) logically follows from the given statement(s).

**Statement:**

A library charges a penalty of Rs.10 per day for the days delayed after the due date of return, for the late return of books by the readers.

**Conclusions:**

- (I) Penalties will be higher for expensive books.  
(II) The penalty for cheaper books will be less.
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 - 4

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

**Statements:**

Ministry of Railways has run holiday special trains and added additional coaches to existing trains.

1. Children prefer to travel by train instead of airplane during holidays.
2. The rush of passengers in trains increased during holidays.
3. People want change in holidays and like to see new train.
4. Engine drivers prefer to work more hours during holidays.

Correct Option - 2

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**Que. 9** Read the following statement and the two procedures are given below it. Select which method(s) should be adopted in the context of the given statement.

**Statement:** Despite the normal working hours being from 10 am to 6 pm, cases are being reported that employees arrive late for work which affects the working in the factory.

**Procedure:**

I. Employees should be warned that if there is no improvement, strict disciplinary action will be taken against them.

II. The duration of work should be such that every employee can come to work at his convenient time.

1. Only method I can be adopted
2. Only method II can be adopted
3. Either method I or II can be adopted
4. Neither method I nor method II can be adopted

Correct Option - 1

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**Que. 10** Puzzle : Solution :: Essay : ?

Mark which of the following words can come in place of the question mark ("")?

1. Solve
2. Write
3. Recite
4. Writee

Correct Option - 2

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

Temperature : Thermometer :: Humidity : ?

1. Spectrometer
2. Seismometer
3. Hygrometer

4. Osmometer

Correct Option - 3

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**Que. 12** In a code language if "LITMUS" is coded as "SMIUTL" and "INDIGO" is coded as "OINGDI", then how will the word 'JAGGER' be written in that code language?

1. RGAEGJ
2. RGJEGA
3. RGAGEJ
4. RGJEAG

Correct Option - 1

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**Que. 13** In a code language, if 'TABLE' is written as 'VEDNI' and 'CHAIR' is written as 'EJEOT', how will 'BENCH' be written in that code language?

1. DIPFJ
2. DGPEJ
3. DIPEJ
4. DGPFT

Correct Option - 3

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**Que. 14** If P @ Q means that Q's husband is P; J # L means L is the son of J; and N \$ M means that M's brother is N, then which of the following options ensures that A's mother is B?

1. A # B \$ C @ D
2. C \$ D @ A # B
3. B \$ C # A @ D
4. D @ B # C \$ A

Correct Option - 4

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**Que. 15** In the following four statements are given followed by four conclusions. Identify which of the / conclusions follows from the given statements exactly, even if they differ from commonly known facts.

**Statements:**

1. All dogs are cats
2. Some cats are tigers.
3. All tigers are lions
4. No lions are donkeys.

**Conclusion:**

- (I) Some cats are dogs  
(II) All lions are tigers  
(III) Some donkeys are tigers  
(IV) No tiger is a donkey

1. Only conclusion I follows
2. Only conclusion II and IV follow
3. Only conclusion II and III follow
4. Only conclusion I and IV follow

Correct Option - 4

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**Que. 16** If the following letters are arranged in ascending order according to the standard alphabetical order, which meaningful English word can be formed from the letters that are first, fourth, sixth, ninth, and sixteenth positions from the left?

XUIHQLETBWMRKSAGC

1. STEAM
2. WHALE
3. MEANS
4. SHAME

Correct Option - 2

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**Que. 17** Read the following series and find out which term will come in place of the question mark ("?").

GAS<sub>27</sub>, IEU<sub>35</sub>, MIY<sub>47</sub>, OMA<sub>29</sub>, SOE<sub>39</sub>, USI<sub>49</sub>, ?

1. WUM<sub>57</sub>
2. WWO<sub>61</sub>
3. YUM<sub>59</sub>
4. YWN<sub>62</sub>

Correct Option - 3

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**Que. 18** Read the following series and find out what number will come in place of the question mark ("?").

3947, 4379, 7493, 9734, ?

1. 9437
2. 7934
3. 4793
4. 3947

Correct Option - 4

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**Que. 19** If "+" and "-" are interchanged in the following equation, "x" and "÷" are interchanged. And if the digits "3" and "7" are also interchanged, then what will be the value of the following equation?

$$83 \times 7 - 79 + 63 \div 7$$

1. -133
2. -350
3. 244
4. 511

Correct Option - 1

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**Que. 20** The ratio of the ages of husband, wife and their son is 10 : 9 : 3. In order to calculate the age of the son, which of the following piece of information would be additionally required which would also be sufficient

1. 6 years ago, son's age was 20% of his mother's age at that time.
2. After 10 years, the sum of the ages of all three will be 30 more than the sum of their present ages.
3. Age difference between father and son is more than age difference between mother and son.
4. The sum of the ages of all three is a perfect multiple of 11.

Correct Option - 1

**Que. 21** The perimeter of a rectangular field with corners A, B, C and D is 28 meters. To find the area of the ground, which of the following pieces of information would be additionally needed which would also be sufficient?

1. The length of diagonal AC is the same as that of diagonal BD.
2. The sum of the diagonals of a rectangle is 8 meters less than the perimeter of the rectangle.
3. The perimeter of the rectangle is 50% more than the length of the rectangle.
4. The sum of all the interior angles of a rectangle is  $360^\circ$ .

Correct Option - 2

**Que. 22** If both a and b are positive integers, then from the following equations we have to find the value of 'a'.

- 1)  $2a + b = 22$
- 2)  $34 - 2b = 12$

Now, read the following options and select whichever option is applicable.

1. Equation 1 alone is sufficient to find the value of 'a'.
2. Only equation 2 is sufficient to find the value of 'a'.
3. Neither Equation 1 alone nor Equation 2 alone is sufficient to find the value of 'a', but both are necessary together.
4. The value of 'a' cannot be determined from any one equation. Even the two equations cannot be known jointly.

Correct Option - 3

**Que. 23** In a code language if 'PEASANT' is coded as 'RQYVYHN', then how will 'RANCHER' be coded in that code language?

1. PHFFPDL
2. PLDPHFF
3. PHFFLDP
4. PFFHLDP

Correct Option - 3

**Que. 24** Read the following table carefully and then answer the given question.  
Units sold by four companies in the last few years (in crore)

Co. / year	2015	2016	2017	2018
A	115.8	85.7	58.9	46.6
B	150.1	76.3	37.2	39.1
C	93.3	69.5	53.7	48.9
D	180.6	111.1	21.2	33.4

Which company sold the maximum number of units in the last few years?

1. A
2. B
3. C
4. D

Correct Option - 4

**Que. 25** If  $P + Q$  means  $P - Q$ ,

$P - Q$  means  $P \times Q$ ,

$P \times Q$  means  $P \div Q$ ,

$P \div Q$  means  $P + Q$ ,

then which of the following statements is true?

1.  $1 + 2 - 6 \times 3 \div 8 = 8$
2.  $6 + 2 - 3 \times 1 \div 4 = 12$
3.  $25 + 6 - 45 \times 9 \div 23 = 18$
4.  $10 + 4 - 3 \times 12 = 5$

Correct Option - 3

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**Que. 26** Computer tools such as Word, Excel and PowerPoint are the products of which of the following company?

1. Intel
2. Apple
3. Microsoft
4. Google

Correct Option - 3

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**Que. 27** Timothy Donald Cook, better known as Tim Cook, is the Chief Executive Officer (CEO) of which of the following companies?

1. Google
2. Twitter
3. Amazon
4. Apple

Correct Option - 4

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**Que. 28** In the context of Microsoft Word, a feature called 'Gutter Margin' is used for which of the following?

1. to improve the clarity of graphics and images
2. to manage better document binding
3. to improve the clarity of the printed text
4. to facilitate insertion of page numbers

Correct Option - 2

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**Que. 29** Which district of Uttar Pradesh state does not share its border with Nepal?

1. Pilibhit
2. Shravasti
3. Sitapur
4. Maharajganj

Correct Option - 3

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**Que. 30** Which district of Uttar Pradesh is situated on the border of Uttar Pradesh and Bihar?

1. Basti
2. Bulandshahr
3. Banda



4. Balia

Correct Option - 4

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**Que. 31** Which is the national leader who walked the marathon 'Padayatra' from Kanyakumari to Rajghat in Delhi in 1983? The purpose of this visit was to renew the relationship with the Indian people.

1. Chandrashekhar
2. LK Advani
3. Ram Vilas Paswan
4. VP Singh

Correct Option - 1

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**Que. 32** What is the name of the Indian Prime Minister who announced in the Parliament that he would implement the Mandal Commission's recommendations? This announcement triggered a nationwide protest in India.

1. Rajiv Gandhi
2. V. P. Singh
3. Chaudhary Charan Singh
4. Chandrashekhar

Correct Option - 2

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**Que. 33** Which city of Uttar Pradesh is known as 'Suhag Nagri', this city is famous for making glass bangles?

1. Firozabad
2. Gorakhpur
3. Varansi
4. Bareilly

Correct Option - 1

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**Que. 34** Which of the following leaders is also the chief priest of the Gorakhnath temple and the monastery?

1. Uma Bharti
2. Yogi Adityanath
3. Sri Sri Ravi Shankar
4. Mahant Paramhans Das

Correct Option - 2

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**Que. 35** Sarnath, the holy place where Lord Buddha gave his first sermon, is located very close to which of the following cities?

1. Mathura
2. Ayodhya
3. Jhansi
4. Varansi

Correct Option - 4

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**Que. 36** Which city of Uttar Pradesh is famous for beautiful embroidered saree called "Chikankari Sarees"?



1. Moradabad
2. Lucknow
3. Meerut
4. Prayagraj (Allahabad)

Correct Option - 2

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**Que. 37** Which poet and saint wrote Ramcharitmanas, a second version of Ramayana?

1. Ravidas
2. Surfas
3. Kalidas
4. Tulsidas

Correct Option - 4

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**Que. 38** Which king of South India defeated the Dutch East India Company in the year 1741 at the Battle of Colachel?

1. Veerapadaya Kattabomman
2. Raja Raja Chola
3. Marthanda Verma
4. Hyder Ali

Correct Option - 3

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**Que. 39** What is the name of that famous warrior Begum from the princely state of Awadh who participated in the battle with the British in the Revolt of 1857?

1. Begum Hazrat Mahal
2. Begum Razia Sultan
3. Begum Jahanara
4. Begum Mehrunnisa

Correct Option - 1

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**Que. 40** Babur, the first emperor of the Mughal dynasty, wrote his autobiography in his native language Chagatai Turkic. What is the name of this book?

1. Mughal Nama
2. Baburnama
3. Babar Mubarak
4. Babarbihaya

Correct Option - 2

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**Que. 41** When Atal Bihari Vajpayee became the Prime Minister for the first time in 1996, what was the approximate duration of his tenure as Prime Minister?

1. two days
2. two weeks
3. two months
4. two years

Correct Option - 2

**Que. 42** What is the name of the famous doctor in the court of King Bimbisara who was the personal physician of Lord Buddha?

1. Ajatashatru
2. Sariputta
3. Jeevak
4. Rahula

Correct Option - 3

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**Que. 43** Which of the following statement is correct regarding the poem 'Amar Sonar Bangla' written by Rabindranath Tagore?

1. This was Tagore's first poem.
2. This poem was later adopted by Bangladesh as its national anthem.
3. Tagore was awarded the Noble Prize for this poem.
4. This poem was a school prayer in Shantiniketan.

Correct Option - 2

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**Que. 44** India's five-year planning system was adopted from Russia. What is the name of the Russian leader who first implemented the vision of the Five Year Plan in Russia?

1. Vladimir Lemin
2. Joseph Stalin
3. Leonid Brezhnev
4. Nikita Khushchev

Correct Option - 2

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**Que. 45** The Palace of Versailles is located near which of the following European capital?

1. London
2. Paris
3. Rome
4. Brussels

Correct Option - 2

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**Que. 46** In which of the following countries are the two famous universities, Oxford and Cambridge located?

1. France
2. United States
3. United Kingdom
4. Italy

Correct Option - 3

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**Que. 47** How many protected biospheres are there in India?

1. 10
2. 12
3. 18
4. 25

Correct Option - 3

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**Que. 48** Dandeli Wildlife Sanctuary is located in which state of India?

1. Kerala
2. Tamil Nadu
3. Telangana
4. Karnataka

Correct Option - 4

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**Que. 49** At which of the following hill station you will find Cheyapara Falls, Pothamedu Viewpoint and Atukad Falls?

1. Munnar
2. Ooty
3. Kodaikanal
4. Yercaud

Correct Option - 1

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**Que. 50** In which of the following country is the city of Venice which is dotted with canals and bridges located?

1. Denmark
2. Scotland
3. France
4. Italy

Correct Option - 4

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**Que. 51** Mount Etna, which is considered to be the most active volcano in Europe, is located in which of the following countries?

1. Portugal
2. Spain
3. Greece
4. Italy

Correct Option - 4

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**Que. 52** Ponmudi is a small hill station in South India. It is located near which city?

1. Kozhikode
2. Madurai
3. Thiruvananthapuram
4. Mangalore

Correct Option - 3

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**Que. 53** Which of the following city is the capital of Western Australia?

1. Darwin
2. Perth
3. Brisbane
4. Hobart

Correct Option - 2

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**Que. 54** According to Article 161 of the Indian Constitution, who among the following has the power to pardon or modify the sentence?

1. President of India
2. Prime Minister of India
3. Governor of various states
4. Chief Justice of India

Correct Option - 1

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**Que. 55** Articles 5 to 11 of the Indian Constitution relates to which of the following aspects?

1. Citizenship of India
2. Languages in India
3. Boundaries of Indian states
4. Education for children

Correct Option - 1

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**Que. 56** According to the information available till April 2019, who is the Governor of Maharashtra State?

1. ESL Narasimhan
2. C Vidyasagar Rao
3. Palanisamy Sathasivam
4. Anandiben Patel

Correct Option - 2

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**Que. 57** Article 300A of the Indian Constitution guarantees which of the following?

1. No person shall be deprived of his education.
2. No person shall be deprived of his marital rights.
3. No person shall be deprived of his property.
4. No person shall be deprived of his privacy.

Correct Option - 3

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**Que. 58** Article 324-329 of the Indian Constitution deals with which of the following aspects?

1. Elections
2. Protection of Minorities
3. Panchayats
4. Powers of a Governor

Correct Option - 1

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**Que. 59** Currently, what is the highest percentage slab for the new tax system called Goods and Service Tax (Goods and Services Tax (GST))?

1. 18%
2. 25%
3. 28%
4. 32%

Correct Option - 3

**Que. 60** Bezwada Wilson is a social worker who was awarded the Ramon Magsaysay Award in 2016. In which of the following areas does he carry out his social activities?

1. Abolition of child labor
2. Elimination of female foeticide
3. Abolition of manual scavenging
4. Abolition of child marriage

Correct Option - 3

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**Que. 61** With which country India is working closely to develop a supersonic cruise missile named BrahMos?

1. France
2. China
3. Japan
4. Russia

Correct Option - 4

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**Que. 62** Prime Minister Narendra Modi addresses the nation through a radio broadcast called 'Mann ki Baat'. When did this program first air?

1. October 2014
2. October 2015
3. October 2016
4. October 2017

Correct Option - 1

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**Que. 63** The United States of America is the country with the largest GDP (gross country product) in the world. Which country comes second in the global GDP ranking?

1. Japan
2. Germany
3. China
4. India

Correct Option - 3

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**Que. 64** \_\_\_\_\_ President Abdel Aziz Bouteflika has resigned in April 2019, succumbing to public pressure.

1. Sudan
2. Libya
3. Chad
4. Algeria

Correct Option - 4

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**Que. 65** Name the new CEO of International Cricket Council (ICC) after Cricket World Cup 2019.

1. Sunil Gavaskar
2. Sharad Pawar
3. Manu Sahni
4. Rahul Johri

Correct Option - 3

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**Que. 66** Name the former CEO and MD of Ashok Leyland who has taken over as the CEO of Royal Enfield?

1. Vinod K. Desari
2. Dheeraj Hinduja
3. Rajeev Duve
4. G. V. Holy offerings

Correct Option - 1

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**Que. 67** According to the information available till March 2019, what is the name of the cricket team that comes at number 2 in the ICC International Test Rankings?

1. New Zealand
2. South Africa
3. Australia
4. England

Correct Option - 1

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**Que. 68** Who has been selected as the captain of Delhi Capitals for the IPL - 2019 season?

1. Virender Sehwag
2. Ravichandran Ashwin
3. Shreyas Iyer
4. Shikhar Dhawan

Correct Option - 3

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**Que. 69** In which state the National Cancer Institute (NCI) has been established in early 2018?

1. Rajasthan
2. Punjab
3. Haryana
4. Himachal Pradesh

Correct Option - 3

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**Que. 70** Which of the following is the major betel nut-producing states in India?

1. Kerala
2. West Bengal
3. Manipur
4. Karnataka

Correct Option - 4

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**Que. 71** What is the name of that 70-year-old woman from Odisha who was awarded the Padma Shri Award for the work of conserving hundreds of varieties of paddy seeds throughout her life?

1. S. Thimakka
2. Kamala Pujari
3. Harika Dronavalli
4. Muktaben Pankajkumar Dagali

Correct Option - 2

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**Que. 72** Sirsi betel nut is the first areca nut to get the Geographical Indication (GI) tag. In which state is this betel nut grown?

1. Karnataka
2. Bihar
3. Andhra Pradesh
4. Odisha

Correct Option - 1

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**Que. 73** In which city of Uttar Pradesh the 11-storey Pagal Baba temple is situated?

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

Correct Option - 1

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**Que. 74** Which of the following ancient emperor's tomb is situated in the Sasaram city of Bihar state?

1. Bahadur Shah Zafar
2. Alauddin Khilji
3. Sher Shah Suri
4. Qutb-ud-din Aibak

Correct Option - 3

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**Que. 75** The area called Bundelkhand falls under which of the following limits?

1. Uttar Pradesh - Bihar border
2. Uttar Pradesh - Madhya Pradesh border
3. Uttar Pradesh - Nepal border
4. Uttar Pradesh - Uttarakhand border

Correct Option - 2

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**Que. 76** From Dr APJ Abdul Kalam Island Launch Complex by DRDO on 27 March 2019, the anti-satellite missile was successfully test-fired. What was the name of this mission?

1. Mission Power
2. Mission Shakti
3. Mission Vikram
4. Mission Courage

Correct Option - 2

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**Que. 77** Which of the following applications is the GSAT-31 satellite launched by India on 6 February 2019?

1. Earth observation
2. Navigation
3. Climate and atmosphere
4. Communication



Correct Option - 4

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**Que. 78** What is the name of the surface-to-surface nuclear-capable inter-continental ballistic missile developed by the Defence Research and Development Organization (DRDO)?

1. Prithvi II
2. Trishul
3. Agni 5
4. Barak-8

Correct Option - 3

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**Que. 79** Which of the following processes is a part of the process involved in the water cycle?

1. evaporation
2. accelerator
3. freezing
4. thawing

Correct Option - 1

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**Que. 80** Which of the following mineral deficiency causes anaemia?

1. Magnesium
2. Iron
3. Zinc
4. Lead

Correct Option - 2

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**Que. 81** Which of the following is a commonly used chemical method to purify water?

1. Hibernation
2. Excavation
3. Chlorination
4. Denitrification

Correct Option - 3

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**Que. 82** Which of the following is the best source of fresh water?

1. Ocean
2. Sea
3. Salt water
4. River

Correct Option - 4

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**Que. 83** Which of the following is a good source of Vitamin A?

1. Fish oil
2. Sugar
3. Banana
4. Coconut oil

Correct Option - 1

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**Que. 84** Sound cannot travel in which of the following mediums?

1. Gas
2. Vacuum
3. Fluid
4. Metal

Correct Option - 2

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**Que. 85** When a match stick strikes the surface of the matchbox, which form of energy causes it to ignite into a bright flame?

1. potential energy
2. kinetic energy
3. chemical energy
4. wind energy

Correct Option - 3

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**Que. 86** Which of the following is the definition of the CGS system of measurement units?

1. coulomb, gram, steradium
2. celsius, grade, second
3. centiliter, gallon, siemens
4. centimetre, gram, second

Correct Option - 4

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**Que. 87** Which of the following refers to noise in electronic communication systems?

1. unwanted signals that interfere with the transmission and processing of message signals
2. loud music that hurts the ears
3. hearing sounds that are not audible
4. unwanted sensations that interfere with messages

Correct Option - 1

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**Que. 88** Which of the following is correct about the process of evaporation?

1. It does not depend on the level of moisture.
2. It increases as the surface area increases.
3. It decreases with increase in wind speed.
4. It decreases as the temperature increases.

Correct Option - 2

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**Que. 89** प्लास्टर ऑफ पेरिस निम्नलिखित में से किसका उत्पाद है?

1. Magnesium
2. Aluminum
3. Calcium
4. Sodium

Correct Option - 3

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**Que. 90** Which of the following statements about natural rubber is correct?



1. It is a natural polymer and has elastic properties.
2. It is an artificial polymer and has elastic properties.
3. It is not a polymer, but it has elastic properties.
4. It is a natural polymer but does not have elastic properties.

Correct Option - 1

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**Que. 91** Which of the following is a form of calcium carbonate?

1. Washing Soda
2. Baking Soda
3. Limestone
4. Table Salt (Salt)

Correct Option - 3

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**Que. 92** Which of the following is necessary in the diet for normal functioning of the thyroid gland?

1. Sodium
2. Calcium
3. Iodine
4. Potassium

Correct Option - 3

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**Que. 93** Penicillin is obtained from which of the following microorganism?

1. Amoeba
2. Virus
3. Protozoa
4. Fungi

Correct Option - 4

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**Que. 94** Which of the following diseases is caused by deficiency of Vitamin A?

1. Rickets
2. Scurvy
3. Night Blindness
4. Pellagra

Correct Option - 3

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**Que. 95** Deficiency of Vitamin B<sub>1</sub> (Thiamine) causes which of the following diseases?

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

Correct Option - 2

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**Que. 96** Which one of the following is a vitamin deficiency disease characterized by a dark red rash on the face, neck, hands and feet?

1. Pellagra

2. Thyroid
3. Anaemia
4. Cation

Correct Option - 1

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**Que. 97** Through which of the following medium does the blood enter the kidney?

1. renal artery
2. external iliac artery
3. axillary artery
4. interatrial (ulnar) artery

Correct Option - 1

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**Que. 98** Which of the following organs secretes bile juice?

1. heart
2. brain
3. kidney
4. liver

Correct Option - 4

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**Que. 99** Which of the following diseases is much less common in women than in men?

1. Myopia
2. Kidney stone
3. Brain tumor
4. Color blindness

Correct Option - 4

---

**Que. 100** Haemoglobin is a protein inside red blood cells and it carries which of the following?

1. Oxygen
2. Carbon dioxide
3. Nitrogen
4. Ozone

Correct Option - 1

---

**Que. 101** Which of the following options is equal to

$$8.13 \times 10^6?$$

1. 831000
2. 8310000
3. 813000
4. 8130000

Correct Option - 4

---

**Que. 102** When 0.353535..... is converted to a fraction, what will be the result?

1. 35 / 99
2. 35 / 100

3. 15 / 19

4. 1 / 19

Correct Option - 1

---

**Que. 103** Find the greatest common factor (HCF) of  $2^2 \times 3^2 \times 5^2 \times 7$ ,  $2^2 \times 3^2 \times 5^3 \times 7^2$  and  $2^3 \times 3 \times 5^2 \times 7^3$ .

1. 2100

2. 420

3. 1005

4. 1050

Correct Option - 1

---

**Que. 104** Solve the following

$$\sqrt{\frac{36}{81}} - \frac{1}{9} = ?$$

1. 4/9

2. 5/9

3. 1/9

4. 2/9

Correct Option - 2

---

**Que. 105** A number is as greater than 55 as it is smaller than 79. Find out the number.

1. 59

2. 63

3. 65

4. 67

Correct Option - 4

---

**Que. 106** The sum of three consecutive numbers is 96. Which is the largest number among these three numbers?

1. 28

2. 31

3. 33

4. 43

Correct Option - 3

---

**Que. 107** Which of the following options will replace the question mark (?) in the following equation?

$$\frac{128 \div 16 \times 3 - 7 \times 2}{? - 6 \times 6 - 3} = 1$$

1. 16

2. 49

3. 60

4. 128

Correct Option - 2

---

**Que. 108** An examination consists of 1000 boys and 600 girls. 43% of boys and 35% of girls pass. The total percentage of students who failed is \_\_\_\_\_?

1. 40%
2. 50%
3. 58%
4. 60%

Correct Option - 4

---

**Que. 109** A can do a piece of work in 9 days and B can do the same work in 18 days. In how many days will they together complete the same work?

1. 3 days
2. 6 days
3. 8 days
4. 9 days

Correct Option - 2

---

**Que. 110** If Preeti runs at 30 km/hr, how much time will she take to cover a distance of 500 m?

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

Correct Option - 1

---

**Que. 111** Which of the following car with the speed given below is the fastest?

1. 90 km / hr
2. 25 m / sec
3. 1500 m / min
4. 100 km / hr

Correct Option - 4

---

**Que. 112** The radius of a solid perpendicular cylinder is 21 cm and height is 16 cm. Find its curved surface area.

1.  $2000 \text{ cm}^2$
2.  $2002 \text{ cm}^2$
3.  $2010 \text{ cm}^2$
4.  $2112 \text{ cm}^2$

Correct Option - 4

---

**Que. 113** A and B two pipes can fill a tank in 16 hours and 48 hours, respectively. If both pipes are opened simultaneously, how much time will it take to fill the tank?

1. 10 hours
2. 12 hours
3. 15 hours
4. 16 hours

Correct Option - 2

---

**Que. 114** Presently, the ratio of the ages of Vimal and Vinay is 4 : 5. After 6 years, Vimal will be 26 years old. What is Vinay's age at present?

1. 20 years
2. 21 years
3. 25 years
4. 30 years

Correct Option - 3

---

**Que. 115** An exact clock shows the time of 9 o'clock in the morning. When the clock shows 3 o'clock in the afternoon, how many degrees will the hour needle rotate?

1.  $150^\circ$
2.  $155^\circ$
3.  $175^\circ$
4.  $180^\circ$

Correct Option - 4

---

**Que. 116** If a straight line intersects the sides AB and AC of a triangle ABC at D and E respectively and is parallel to BC, then  $AE / AC = ?$

1.  $AD / EC$
2.  $AD / DB$
3.  $AD / AB$
4.  $DE / BC$

Correct Option - 3

---

**Que. 117** In a system of two linear equations, two variables are incompatible if their graphs are:

1. cut the x axis
2. cut the y axis
3. correspond (coincide)
4. do not intersect at any point

Correct Option - 4

---

**Que. 118** If  $\theta = 45^\circ$ , then  $\cos^2\theta + \sec^2\theta = ?$

1. 0
2. 1
3. 2
4. 2.5

Correct Option - 4

---

**Que. 119** If the system  $6x - 2y = 3$ ,  $kx - y = 2$  has a unique solution then:

1.  $k \neq 3$
2.  $k = 3$
3.  $k \neq 4$
4.  $k = 4$

Correct Option - 1

---

**Que. 120** What is the remainder when the square of any number is divided by 4?

1. 1
2. 0
3. either 0 or 1
4. neither 1 nor 0

Correct Option - 3

---

**Que. 121** In how many possible ways can 1500 be divided into two factorizations?

1. 12
2. 18
3. 36
4. 24

Correct Option - 1

---

**Que. 122** Nine years ago, the ratio of the ages of Amit and Anu was 5 : 7. Then after 5 years from now, which of the following cannot be the ratio of their ages?

1. 13 : 9
2. 11 : 13
3. 15 : 16
4. 21 : 25

Correct Option - 1

---

**Que. 123** The measure of each interior angle of a cyclic polygon with 'n' sides is  $144^\circ$ . So, what will be the measure of the angle formed by each of its arms at the geometric center of the polygon?

1.  $30^\circ$
2.  $144^\circ$
3.  $54^\circ$
4.  $36^\circ$

Correct Option - 4

---

**Que. 124** If  $(\sin^2\theta - 3\sin\theta + 2) / \cos^2\theta = 1$ , then what is the value of  $\theta$ ?

1.  $45^\circ$
2.  $60^\circ$
3.  $30^\circ$
4.  $0^\circ$

Correct Option - 3

---

**Que. 125** Club A has won 30% of the first 60 matches played in a season. So how many additional minimum matches should Club A play to achieve a 44% success rate in that season?

1. 15
2. 20
3. 30
4. 25



Correct Option - 1

**Que. 126** PSGI निम्नलिखित जानकारी का अध्ययन कीजिए और नीचे दिए गए प्रश्नों के उत्तर दें।

शीलयुक्त व्यवहार मनुष्य की प्रकृति और व्यक्तित्व को उद्घाटित करता है। उत्तम, प्रशंसनीय और पवित्र आचरण ही शील है। शीलयुक्त व्यवहार प्रत्येक व्यक्ति के लिए हितकार है। इससे मनुष्य की ख्याति बढ़ती है। शीलवान व्यक्ति सबका हृदय जीत लेता है। शीलयुक्त व्यवहार से कटुता दूर भागती है। इससे आशंका और संदेह की स्थितियाँ कभी उत्पन्न नहीं होतीं। इससे ऐसे सुखद वातावरण का सृजन होता है, जिसमें सभी प्रसन्नता का अनुभव करते हैं। शीलवान व्यक्ति अपने संपर्क में आने वाले सभी लोगों को सुप्रभावित करता है। **शील इतना प्रभुत्वपूर्ण होता है कि किसी कार्य के बिगड़ने की नौबत नहीं आती।** अधिकारी-अधीनस्थ, शिक्षक-शिक्षार्थी, छोटों-बड़ों आदि सभी के लिए शीलयुक्त व्यवहार समान रूप से आवश्यक है। शिक्षार्थी में यदि शील का अभाव है तो वह अपने शिक्षक से वांछित शिक्षा प्राप्त नहीं कर सकता। शीलवान अधिकारी या कर्मचारी में आत्मविश्वास की वृद्धि स्वतः ही होने लगती है और साथ ही उनके व्यक्तित्व में शालीनता आ जाती है। इस अमूल्य गुण की उपस्थिति में अधिकारी वर्ग और अधीनस्थ कर्मचारियों के बीच, शिक्षकगण और विद्यार्थियों के बीच तथा शासक और शासित के बीच मधुर और प्रगाढ़ संबंध स्थापित होते हैं और प्रत्येक वर्ग की कार्यकुशलता में वृद्धि होती है। इस गुण के माध्यम से छोटे-से छोटा व्यक्ति बड़ों की सहानुभूति अर्जित कर लेता है। शील कोई दुर्लभ और देवी गुण नहीं है। इस गुण को अर्जित किया जा सकता है। पारिवारिक संस्कार इस गुण को विकसित और विस्तारित करने में बहुत बड़ी भूमिका अदा करते हैं।

निम्नलिखित में से कौन सा कथन शील के संबंध में गलत है?

1. शीलयुक्त व्यवहार से सुखद वातावरण का निर्माण होता है।
2. शील एक दैवी गुण है।
3. पारिवारिक संस्कार शील को विकसित करने में महत्वपूर्ण भूमिका निभाते हैं।
4. शीलयुक्त व्यवहार छोटों-बड़ों में समान रूप से आवश्यक है।

Correct Option - 2

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

1. शील प्रभु द्वारा दिया जाता है।
2. किसी कार्य के बिगड़ने पर शील प्रभुत्व स्थापित कर लेता है।
3. जहाँ शील का प्रभुत्व होता है वहाँ कोई कार्य बिगड़ने नहीं पाता।
4. जहाँ कार्य बिगड़ता है वहाँ शील का प्रभुत्व होता है।

Correct Option - 3

**Que. 128** गद्यांश में कौन सा शब्द 'दुष्प्रभावित' का विलोम है?

1. कुप्रभावित
2. प्रगाढ़
3. सुप्रभावित
4. आशंका

Correct Option - 3

**Que. 129** जब कोई सरकारी पत्र, कार्यालय ज्ञापन या ज्ञापन एक साथ अनेक प्रेषितियों को भेजा जा रहा हो, तब उसे क्या कहा जाता है?

1. कार्यालय आदेश
2. अधिसूचना
3. अनुस्मारक

4. परिपत्र

Correct Option - 4

---

**Que. 130** अपने विद्यालय की किसी मनोरंजन घटना का वर्णन करते हुए मित्र को लिखा गया पत्र किस कोटि के अंतर्गत आएगा?

1. शासकीय
2. अर्द्ध शासकीय
3. वैयक्तिक
4. व्यावसायिक

Correct Option - 3

---

**Que. 131** निम्नलिखित में से कौन सा अंतःस्थ व्यंजन है?

1. ल
2. प
3. च
4. ट

Correct Option - 1

---

**Que. 132** निम्नलिखित में से कौन सा स्वर कंठतालव्य है?

1. ई
2. आ
3. औ
4. ए

Correct Option - 4

---

**Que. 133** 'पो + अन' किस स्वर संधि का उदाहरण है?

1. यण
2. अयादि
3. वृद्धि
4. गुण

Correct Option - 2

---

**Que. 134** प्रत्यंग किस समास का उदाहरण है?

1. अव्ययीभाव
2. तत्पुरुष
3. द्विगु
4. द्वंद

Correct Option - 1

---

**Que. 135** सीता सखियों सहित पुष्प वाटिका गई।

वाक्य में रेखांकित अव्यय-प्रयोग निम्नलिखित में से किस भेद का उदाहरण है?



1. समुच्चयबोधक
2. क्रियाविशेषण
3. संबंधबोधक
4. विस्मयादिबोधक

Correct Option - 3

---

**Que. 136** 'कश्मीरी सेब सिंदूरी लाल होता है।' -

वाक्य में रेखांकित शब्द विशेषण के किस भेद के अंतर्गत जाएगा?

1. गुणवाचक
2. परिमाणवाचक
3. प्रविशेषण
4. सार्वनामिक

Correct Option - 3

---

**Que. 137** निम्नलिखित में से कौन सा शब्द मस्तक का पर्यायवाची है?

1. लाल
2. ललाट
3. लालिमा
4. ललाई

Correct Option - 2

---

**Que. 138** निम्नलिखित में से कौन सा विलोम युग्म सही नहीं है?

1. भद्र-अभद्र
2. भय-साहस
3. मूढ़-ज्ञानी
4. मान्य-धान्य

Correct Option - 4

---

**Que. 139** 'गाड़ी-गाढ़ी' शब्द-युग्म के लिए सही अर्थ-युग्म चुनें।

1. यान-गहरी
2. गहरी-यान
3. गिरी-निकाली
4. निकाली-गिरी

Correct Option - 1

---

**Que. 140** 'जो इंद्रियों की पहुँच से बाहर हो' -

वाक्यांश के लिए एक शब्द बताइए।

1. इंद्रियजित
2. इंद्रियानिग्रह
3. इंद्रियातीत

4. इंद्रधनुष

Correct Option - 3

---

**Que. 141** 'उस जगह एक सभा होने जा रही है।' -

रेखांकित पद में कौन सा परसर्ग है?

1. करण
2. अधिकरण
3. संप्रदान
4. अपादान

Correct Option - 2

---

**Que. 142** 'देखा गया हो' - क्रिया के किस पक्ष का उदाहरण है?

1. संधिग्न वर्तमान
2. संभाव्य वर्तमान
3. संधिग्न भूत
4. संभाव्य भूत

Correct Option - 4

---

**Que. 143** 'उसने अपने को निर्दोष घोषित किया।' -

इस सरल वाक्य के मिश्र वाक्य का रूप निम्नलिखित में से कौन सा है?

1. उसने कहा कि मैं निर्दोष हूँ।
2. उसने कहा और वह निर्दोष घोषित हुआ।
3. उसने कहा कि उसे निर्दोष घोषित किया जाए।
4. उसने कहा कि मैं अपने को निर्दोष घोषित कर रहा हूँ।

Correct Option - 1

---

**Que. 144** विराम चिन्ह के प्रयोग की दृष्टि से निम्नलिखित में से कौन सा वाक्य सही नहीं है?

1. वह दूर से, बहुत दूर से, आ रहा है।
2. सुनो, सुनो, वह गा रही है।
3. नहीं, नहीं, ऐसा कभी नहीं हो सकता।
4. क्रोध, चाहे जैसा भी हो, मनुष्य को दुर्बल बनाता है।

Correct Option - 1

---

**Que. 145** 'एडियाँ रगड़ना' मुहावरे का सही अर्थ क्या होगा?

1. एडियाँ साफ करना
2. परिश्रम करना
3. बहुत दौड़-धूप करना
4. परेशान करना

Correct Option - 3

---

**Que. 146**



‘सावन हरे न भादों सूखे’ - लोकोक्ति का सही अर्थ क्या है?

1. सावन में हरा और भादों में सूखा
2. न सावन में हरा, न भादों में सूखा
3. असंभव बात
4. सदा एक सी दशा

Correct Option - 4

**Que. 147** हिंदी साहित्य के इतिहास के किस काल को वीरगाथा काल भी कहा गया है?

1. आदिकाल
2. भक्तिकाल
3. रीतिकाल
4. आधुनिक काल

Correct Option - 1

**Que. 148** निम्नलिखित में से कौन सी रचना तुलसीदास की नहीं है?

1. रामचरितमानस
2. गीतावली
3. श्रीकृष्णगीतावली
4. भक्तमाल

Correct Option - 4

**Que. 149** हिंदी का प्रथम समाचार पत्र कौन सा था?

1. कवि वचन सुधा
2. उदंत मार्तण्ड
3. हरिश्चंद्र पत्रिका
4. सरस्वती

Correct Option - 2

**Que. 150** हिंदी की मूल उत्पत्ति किससे मानी गई है?

1. मागधी अपभ्रंश
2. अर्द्धमागधी अपभ्रंश
3. खस अपभ्रंश
4. शौरसेनी अपभ्रंश

Correct Option - 4