1. Please correctly fill your Roll Number in O.M.R Sheet. Candidate will himself be responsible for filling wrong Roll No.
2. At the start of the examination before attempting the question paper kindly check your test booklet and OMR Answer Sheet and ensure that:
   * The serial numbers of test booklet and OMR answer sheet are same.
   * All pages of test booklet and OMR answer sheet are properly printed. All questions from S.No. 1 to last S.No. 100 are printed and pages from S.No. 1 to last S.No. 16 are there in the question booklet.
In case of any discrepancy / defect the candidate should immediately report the matter to the invigilator for replacement of test booklet and OMR answer sheet. No claim / objection in this regard will be entertained after five minutes of start of examination. Candidate will be liable for it.
3. Answer all questions.
4. All questions carry equal marks.
5. Only one answer is to be given for each question.
6. If more than one answers are marked, it would be treated as wrong answer.
7. Each question has four alternative responses marked serially as (A), (B), (C), (D). You have to darken only one circle or bubble indicating the correct answer on the Answer Sheet using BLUE BALL POINT PEN.
8. 1/3 part of the mark(s) of each question will be deducted for each wrong answer. (A wrong answer means an incorrect answer or more than one answers for any question).
9. Use of Mobile Phone/Bluetooth Devices or any other electronic gadget in the examination hall is strictly prohibited. If any such prohibited material found with any candidate, strict action will be taken against him/her as per rule.
10. If there is any sort of ambiguity/mistake either of printing or factual nature in Hindi and English Version of the question, the English Version will be treated as standard.

Warning: If a candidate is found copying or if any unauthorized material is found in his/her possession, F.I.R. would be lodged against him/her in the Police Station and he/she would liable to be prosecuted under Section 3 of the State Prevention of Unfair means Act, 1992 and Board Regulations. Board may also debar him/her permanently from all future examination of the Board.

Do not open this test booklet until you are asked to do so.
1 Which of the following statements is not correct about Rajasthan Refinery, Pachpadra?
(A) It is a joint venture of HPCL and Government of Rajasthan.
(B) HPCL's share in it is 80 percent and Rajasthan's share is 20 percent.
(C) Its project cost is Rs. 43,129 crore.
(D) It is first of its kind project in India in which refinery is integrated in the petrochemical complex.

2 What is the duration of XII Five Year Plan in Rajasthan?
(A) 2012-2017
(B) 2007-2012
(C) 2002-2007
(D) 2017-2022

3 Which of the following is considered a form of land reform?
(A) Mechanization
(B) Use of high yielding variety of seeds
(C) Land Ceiling
(D) Agricultural credit

4 The most important constraint for the growth of large scale industries in Rajasthan is -
(A) Lack and uncertainty of power supply
(B) Lack of entrepreneurship
(C) Lack of transport facilities
(D) Lack of capital

5 Under which programme in Rajasthan, the services of a village educated youth or an NGO are used for intensive cattle breeding?
(A) Kamdhenu
(B) Gopal
(C) Artificial Insemination Programme
(D) Krishna

6 From which part of Rajasthan the 'Ajrak Print' is a famous form of print?
(A) Udaipur
(B) Bhilwara
(C) Barmer
(D) Sanganer

7 Which of the following is not related to Green Revolution in Rajasthan?
(A) Increased use of HYV seeds
(B) Increased use of fertilizers and insecticides
(C) Increase in the number of Cooperative Credit facilities
(D) Increase in Gross Cropped Area
Rajasthan is the only state to provide the facility of a free citizen e-mail service, which allows the users to create their e-mail address in regional languages including Hindi, with the name of -
(A) Raj free mail
(B) Raj regional mail
(C) e-mail Raj
(D) Raj mail

Which of the following statements is not correct about RUDA?
(A) It was established in November 1995.
(B) It promotes non-farm sector in urban areas of the state.
(C) It carries out its activities in 3 major sub sectors – leather, wool and minor minerals.
(D) It has obtained geographical indication registration for crafts, like Blue Pottery, Kota Doria and Sanganer & Bagru hand block print under its intellectual property rights initiatives.

Which of the following cities are selected in Rajasthan to be developed as smart cities?
(A) Jaipur, Jodhpur, Kota and Bikaner
(B) Jaipur, Udaipur, Kota and Ajmer
(C) Jaipur, Jodhpur, Ajmer and Kota
(D) Udaipur, Kota, Jodhpur and Ajmer

To provide assistance to small scale industries, Rajasthan Small Industries Corporation Ltd. (RAJSICO) was established in the year -

Jaipur Metro Rail Project is funded by
(A) World Bank
(B) Swiss Development Authority
(C) Asian Development Bank
(D) Japanese Government

Rajasthan Tenancy Act was brought into force from which year?
(A) 1955
(B) 1959
(C) 1952
(D) 1949
14 What was the total number of Post Offices in Rajasthan in the year 2017?
(A) 7011  (B) 15022  (C) 5055  (D) 10311

15 Which of the following sources supply the highest energy to Rajasthan?
(A) Wind    (B) Solar    (C) Thermal  (D) Hydel

16 Gross state domestic product at constant prices (2011-12) of Rajasthan in 2017-18 was
(A) Rs. 641940 crore  (B) Rs. 840283 crore  (C) Rs. 761460 crore  (D) Rs. 100551 crore

17 How many villages were electrified during 2016-17 under Deen Dayal Upadhyay Gramin Jyoti Yojna?
(A) 346  (B) 525  (C) 108  (D) 261

18 How many five year and annual plans have been implemented in Rajasthan so far?
(A) 12 five year plans  (B) 12 five years and 6 annual plans  (C) 12 five years and 3 annual plans  (D) 12 five years and one annual plan

19 How many PPP projects were completed in Rajasthan up to December 2017?
(A) 276  (B) 153  (C) 534  (D) 840

20 As per announcement made in Budget of Rajasthan for 2018-19, a mini plant for processing of camel milk will be set up at
(A) Bikaner  (B) Jaipur  (C) Jodhpur  (D) Barmer
21 In an examination the minimum passing marks for a student were 36%. He got 28% marks and declared fail by 6 marks, what were the maximum marks?

एक परीक्षा में उम्मीदित अंक 36% थे। उसे 28% अंक दिए गये उसे दिया गया बाध्यकारी अंक 6 थे। ज्ञात कीजिए एक परीक्षा में क्या सारी अंक पेश किए गए?

(A) 50 (B) 75 (C) 70 (D) 80

22 Next term in the series 1, 8, 4, 27, 9, ______ is

(A) 49 (B) 36 (C) 64 (D) 125

23 Question:
Who is the best salesman in the company?

Statements:
(I) Ram sold maximum number of refrigerators in this summer.
(II) The company made the highest profit this year.

Choose the correct one -
(A) Statement (I) is sufficient to answer the question.
(B) Statement (II) is sufficient to answer the question.
(C) Both statements (I) and (II) are necessary to answer the question.
(D) Both the statements (I) and (II) are not sufficient to answer the question.

24 A statement is followed by two assumptions numbered I and II. Consider the statement and decide which of the given assumption is implicit?

Statement:
Every body loves playing cricket.

Assumptions:
I. Cricket is the only game.
II. Nobody loves playing any other game.

(A) Only assumption I is implicit.
(B) Only assumption II is implicit.
(C) Both assumptions I and II are implicit.
(D) Neither assumption I nor II is implicit.

25 A bus is 50% faster than car then what time will the bus take to cover the same distance which the car cover in 1 hr. 30 minutes?

(A) 1 hour (B) 1 hour 30 minutes 
(C) 2 hour 15 minutes (D) 2 hour 30 minutes

P.S. T.O.
26 Decimal form of the rational number $\frac{1}{7}$ is -

(A) 0.7  
(B) 0.1428  
(C) 0.142857  
(D) 0.142857

27 A father is three times as old as his son. After twelve years, his age will be twice as that of his son. The present age of the father is

(A) 32 years  
(B) 36 years  
(C) 40 years  
(D) 48 years

28 A, B and C separately can do a work in 10 days, 12 days and 15 days respectively. In how many days all three together can do the same work?

(A) 2 days  
(B) 4 days  
(C) 6 days  
(D) 8 days

29 What least natural number must be added to 2010 to obtain a number which is completely divisible by 19?

(A) 3  
(B) 4  
(C) 5  
(D) 6

30 If $p_1$ and $p_2$ are two odd prime numbers such that $p_1 > p_2$ then $p_1^2 - p_2^2$ is -

(A) an even numbers  
(B) an odd numbers  
(C) an odd prime numbers  
(D) a prime numbers

31 What is the unit digit in the product $365 \times 659 \times 771$ is

$365 \times 659 \times 771$ के गुणनफल में इकाई का अंक है -

(A) 1  
(B) 2  
(C) 4  
(D) 6

32 The largest 4-digit natural number exactly divisible by 7 and 11 is -

4 अंकों की सबसे बड़ी प्राकृत संख्या जो 7 तथा 11 से पूर्णतः विभाजित हो, है -

(A) 9996  
(B) 9999  
(C) 9933  
(D) 9911

33 The three numbers are in ratio 3:2:5 and sum of their squares is 1862, then what will be the second number?

(A) 7  
(B) 14  
(C) 21  
(D) 35
Choose the correct alternative from the following options as given below for the Assertion (A) and Reason (R) given in the question.

**Assertion (A):**
Graphite is a conductor of electric current.

**Reason (R):**
Graphite has free electrons.

(A) Both A and R are true and R is the correct explanation of A.

(B) Both A and R are true and R is not the correct explanation of A.

(C) A is true but R is false.

(D) A is false but R is true.

Find the odd one out.

(A) C72X  
(B) E110V  
(C) G140T  
(D) J180R

The remainder when $2^{31}$ is divided by 5 is -

$2^{31}$ को 5 से भाग देने पर प्राप्त शेषफल है -

(A) 1  
(B) 2  
(C) 3  
(D) 4

The following pie chart represents the marks obtained by a student in five different subjects. If the total maximum marks of all the subjects is 720 then how much more percent of marks is obtained by the student in total of Social Science, Hindi and English than the remaining two subjects?

(A) 5%  
(B) $\frac{5}{9}$%  
(C) 20%  
(D) 40%

The sum and product of two natural numbers are 12 and 35 respectively. The reciprocal of sum of their reciprocal is -

(A) $\frac{12}{35}$  
(B) $\frac{35}{12}$  
(C) $\frac{17}{35}$  
(D) $\frac{35}{17}$
39 The hours hand and minutes hand of a clock are 4 cm and 6 cm long respectively. Then the ratio of distances travelled by tip of hours hand in 2 days and tip of minutes hand in 3 days is -

(A) 1:9
(B) 1:27
(C) 2:3
(D) 1:12

40 Answer the question on the basis of the following table:

Percentage of Results in five subjects of four schools

<table>
<thead>
<tr>
<th>School</th>
<th>Hindi</th>
<th>English</th>
<th>Physics</th>
<th>Chemistry</th>
<th>Mathematics</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>62</td>
<td>57</td>
<td>43</td>
<td>75</td>
<td>62</td>
</tr>
<tr>
<td>B</td>
<td>58</td>
<td>64</td>
<td>72</td>
<td>44</td>
<td>59</td>
</tr>
<tr>
<td>C</td>
<td>47</td>
<td>71</td>
<td>55</td>
<td>63</td>
<td>41</td>
</tr>
<tr>
<td>D</td>
<td>70</td>
<td>46</td>
<td>66</td>
<td>57</td>
<td>73</td>
</tr>
</tbody>
</table>

Which subject has shown highest percentage of result when all the schools are taken into consideration?

(A) Hindi
(B) English
(C) Physics
(D) Chemistry

41 During 1890's era who were the Jagirdars of Bijoliya?

(A) Chauhans (B) Paramaras
(C) Ranavats (D) Shaktawats

1890 के दौर विन्दिया के जागीरदार कौन थे?

(A) चौहान (B) रामासार (C) रणवत (D) शक्तावत

42 The Battle of Giri Sumel was fought in?

(A) 1539 (B) 1542
(C) 1544 (D) 1546

43 In which of the following city, 'Paropkarini Sabha' was established in 1883?

(A) Ajmer (B) Alwar
(C) Bharatpur (D) Udaipur

1883 में निम्न सिटी में से किस शहर में 'परोपकारिणी सम्मा' की स्थापना हुई?

(A) अजमेर (B) अलवर (C) भरतपुर (D) उदयपुर

44 Which one of the following dynasty did not originate from the fire altar?

(A) Parmaras (B) Sisodias
(C) Chauhan (D) Chalukya

निम्न में से किस संघ की उत्सर्ग अग्निकुंड से नहीं हुई?

(A) परमर (B) सिसोदिया
(C) चौहान (D) चालुक्य

45 Fort of Gagron is situated in which of the following district?

(A) Jhalawad (B) Ajmer
(C) Udaipur (D) Kota

गगरन की फोर्ट निम्न में से किस जिले में स्थित है?

(A) ज्हालवाड़ (B) अजमेर (C) उदयपुर (D) कोटा

46 Chotara, Kamayacha are a part of which folk instrument tradition?

(A) Aeroponic Instruments (B) Stringed Instrument
(C) Membranous Percussive Instruments (D) Percussive Instruments (Non-Membranous)

(सोतरा, कमयाच्या कौन सा गायक तंबाकू संगीत नियम का प्रतिभा है?

(A) ऐरोपोनिक इन्स्ट्र्यूमेंट्स (B) चित्तरंग (C) मेम्ब्रनस फ्लेजोन (D) मेम्ब्रनल फ्लेजोन)
47 Which of the following place was not one of the Panchpane Thikanas of Shekhawati during 1920's Peasant Movement?
(A) Dundlod  (B) Malsisar  
(C) Mandawa (D) Shrimadhopur

48 Who amongst the following led the Swadeshi Movement in Mewar, Dungarpur, Sirohi, Banswara?
(A) Damodar Das Rathi  (B) Arjun Lal Sethi  
(C) Swami Govind Giri (D) Jamna Lal Bajaj

49 Which of the following historian considers the Rajputs to be descendants of Sakas and Scythians?
(A) Chand Bardai  (B) C. M. Vaidya  
(C) James Tod (D) Gopinath Sharma

50 Pandit Nenuram Sharma was associated with the Prajamandal of which of the following Riyasat?
(A) Kota   (B) Alwar  
(C) Jhalawar (D) Jaipur

51 Which one of the following places is famous for 'Patthar Mar' Holi?
(A) Mahavirji  (B) Bharatpur  
(C) Beawar (D) Barmer

52 Which saint of Rajasthan composed 'Satyabhamaji Nu Rusan'?
(A) Ramdasji (B) Dadu Dayalji  
(C) Dariyawji (D) Meerabai

53 From which one of the following site of Rajasthan is red terracotta pottery found, which is decorated with black Geometric designs?
(A) Kalibanga  (B) Ahar  
(C) Kot Digi (D) Gilund

54 Where are the Temples of Rishabh Dev located in Rajasthan?
(A) Dungarpur  (B) Dhulev  
(C) Ranakpur (D) Kankroli

55 The ruler of which of the following state was made the Rajpramukha of the Matsya Sangha in 1948?
(A) Bharatpur  (B) Karauli  
(C) Dholpur (D) Alwar
56 Which was the first state of Rajasthan to sign treaties with the British?
(A) Alwar (B) Bharatpur (C) Kota (D) Bundi

57 Ghudla dance form is related to which of the following city of Rajasthan?
(A) Bhilwara (B) Jodhpur (C) Jaipur (D) Udaipur

58 Rani Laxmi Kumari Chundawat was awarded Padamshri for her contribution in which field?
(A) Politics (B) Literary contribution (C) Social service (D) Painting

59 Which of the following News Paper was published by Vijay Singh Pathik?
(A) Alwar Patrika (B) Nav Rajasthan (C) Naveen Rajasthan (D) Rajasthan Kesari

60 'Dayaldas Ki Khyat' contains the history of which State of Rajasthan?
(A) Mewar (B) Marwar (C) Kota (D) Bikaner

61 Which one of the following programme is not a "desert development programme"?
(A) Arid zone research and development programme (B) Drought prone area programme (C) Combating desertification (D) Integrated rural development programme

62 The shortest national highway passing through Rajasthan is ______
(A) NH – 71B (B) NH – 8 (C) NH – 11 (D) NH – 15

63 What is the percentage share of areal extent of Rajasthan to India's total land area?
(A) 10.45% (B) 9% (C) 11.50% (D) 15%

64 Which of the following river forms Chulia waterfall?
(A) Chambal river (B) Banas river (C) Sabarmati river (D) Ghaggar river
65 Which physiographic division of Rajasthan is also known as 'bowl of grains'?
(A) South Eastern plateau region
(B) Aravalli hills region
(C) Eastern plains
(D) Banas basin

66 Rajasthan state accounts for how much percentage of total livestock of India?
(A) 9.9%
(B) 11.27%
(C) 18.30%
(D) 15.80%

67 Which of the following district of Pakistan is not located on the International boundary of Rajasthan?
(A) Bahawalpur
(B) Khairpur
(C) Meerpur
(D) Layalpur

68 Malwa plateau is the extension of:
(A) Southern Aravali
(B) Haroti Plateau
(C) Chambal Basin Hills
(D) Himalayan extension

69 Durgapur Kesar is a known species of
(A) Datepalm
(B) Coriander
(C) Cummin seeds
(D) Watermelon

70 How many wild life Sanctuaries are found in Rajasthan?
(A) 33 wild life Sanctuaries
(B) 38 wild life Sanctuaries
(C) 25 wild life Sanctuaries
(D) 07 wild life Sanctuaries

71 Which of the following is not associated with soil erosion problem in Rajasthan?
(A) Deforestation
(B) Glacial action
(C) Wind erosion
(D) Water erosion

72 In Rajasthan, maximum administrative forest areas falls under which of the following categories?
(A) Protected forests
(B) Reserve forests
(C) Unclassified forests
(D) Restricted forests
73. How many districts are included in the Aravalli regions of Rajasthan?
   (A) 10 Districts (B) 12 Districts
   (C) 09 Districts (D) 08 Districts

74. What is altitude of peak Ser?
   (A) 1,622 meter (B) 1,370 meter
   (C) 1,597 meter (D) 1,602 meter

75. Isarda irrigation project is situated at
   ________
   (A) Jhalawar (B) Dungarpur
   (C) Chittorgarh (D) Sawai Madhopur

76. Maximum diurnal range of temperature is found in ________ district of Rajasthan.
   (A) Jodhpur (B) Sri Ganganagar
   (C) Churu (D) Jaisalmer

77. Gurushikhar mountain peak is part of which of following Aravali Region?
   (A) Southern (B) Northern
   (C) Middle (D) Eastern

78. ‘Chhappan Plain’ is associated with which one of the following river?
   (A) Beas (B) Sabarmati
   (C) Mahi (D) Chambal

79. Which of the following district of Rajasthan receives maximum annual rainfall?
   (A) Kota (B) Sirohi
   (C) Bikaner (D) Pratapgarh

80. Which of following district of Rajasthan is facing problems related to Air-pollution because of sugar mill plant?
   (A) Sri Ganganagar (B) Bikaner
   (C) Bharatpur (D) Dhaulpur
81 Brown colour of the apple after cutting is a which type of change?
(A) Physical change
(B) Chemical change
(C) Biological change
(D) No change

82 Which of the following compound/s is/are sublime?
(i) I₂
(ii) NH₄Cl
(iii) Dry Ice
(iv) Naphthalene
(A) Only (ii) and (iv)
(B) Only (i), (ii) and (iv)
(C) Only (iv)
(D) (i), (ii), (iii) and (iv)

83 How many districts in Rajasthan are declared ODF (Open Defecation Free)?

(A) 27  (B) 28  
(C) 32  (D) 33  

84 Which of the following/s is the function of collector as the law and order officer?
(1) Control over police
(2) To see the treasures of the district
(3) Examining the foreign passports
(4) To collect land revenue

Choose the correct code:
(A) (1), (2), (3) and (4)
(B) (1), (2) and (3)
(C) (1) and (2)
(D) (1) and (3)

85 The salary and allowances of the Chief Minister are determined by which one of the following?

(A) Mentioned in III schedule of the Constitution
(B) Parliament
(C) Governor
(D) State legislature
86 The eye defect in which the image of the distant object is formed in front of the retina is
(A) hypermetropia (B) myopia
(C) presbyopia (D) astigmatism

87 If the total resistance in a circuit is halved keeping the potential difference across it constant, then the current in the circuit will become
(A) one fourth (B) four times
(C) half (D) double

88 Which of the following is not a product of fermentation?
(A) Lactic acid (B) Ethanol
(C) Acetic acid (D) Sulphuric acid

89 A patent is granted for ________ years.
One ________ years for the invention declared.
(A) 10 (B) 20
(C) 25 (D) 50

90 The gene present on Y chromosome that codes for the protein regulating sexual differentiation in humans is:
Males have 'Y' chromosome only, while females have an 'X' and a 'Y'.
(A) YRS gene (B) RSY gene
(C) SRY gene (D) SYR gene

91 Who implements the MNREGA programme?
(A) Collector (B) Panchayat Samiti
(C) Zila Parishad (D) Gram Panchayat

92 Rajasthan State Commission for Women is:
(A) Statutory Body (B) Constitutional Body
(C) Regulatory Body (D) Created by ordinance

93 The Governor is appointed by which one of the following authority under Article 155 of Constitution?
(A) Union Council of Minister (B) President of India
(C) Prime Minister of India (D) Chief Minister of the State

94 Who was the first longest serving Chief Justice of Rajasthan State High Court?
(A) Sarat Kumar Ghosh (B) Kailash Nath Wanchoo
(C) Sarju Prasad (D) J. M. Panchal
95 Who was the first Lokayukta of Rajasthan?
(A) Shri I. D. Dua
(B) Shri K. P. U. Menon
(C) Shri Milap Chandra Jain
(D) Shri Rangnath Mishra

96 Which one of the following is the smallest unit of administrative in Rajasthan?
(A) District
(B) Division
(C) Tahsil
(D) Panchayat Samiti

97 Who is the chairman of the committee, which appoints chairman and members of Rajasthan State Human Rights Commission?
(A) Speaker of State legislative assembly
(B) Leader of opposition
(C) Chief Minister
(D) Governor

98 What are the correct qualifications for the appointment as Governor?
(I) He should not hold any other office of profit.
(II) He should have completed the age of 30 years.
(III) He should not be the member of Parliament and State Legislature.

Select the correct code:
(A) (I), (II)  (B) (I), (II), (III)
(C) (I) and (III)  (D) (II) and (III)

99 Who among the following is not a Rajya Sabha Member from Rajasthan?
(A) Dr. Kirodilal
(B) Shri Madanlal Saini
(C) Shri Bhupendra Yadav
(D) Shri Arjun Ram Meghwal

100 Who presides over the meeting of Municipal Corporation?
(A) Mayor
(B) Speaker
(C) Municipal Commissioner
(D) District Magistrate

(A) नगर निगम की सभा की अध्यक्षता की निपुंश कौन करता है?
(A) मेयर
(B) सभापति
(C) नगर आयुक्त
(D) जिला महासचिव