# Practice Set Paper - 1

## **MATHEMATICS**

Time: 90 minutes Maximum marks: 200

## **Instructions:**

- Attempt all 30 questions. Write answers separately on the answer sheet provided at the exam centre.
- 2. Part 'A' contains 20 questions and each question carries 'Five marks'.
- Part 'B' contains 10 questions and each question carries 'Ten marks'.
- Use of calculator is prohibited. Marks will be awarded for each step.
- 5. Take the value of  $\pi$  as **22/7**.
- The questions paper can be retained by the candidates post examination.

## PART A

- 1. Find the area of a circle having radius 4 cm and angle 40°?
- 2. Arrange the following fractions in ascending order:  $\frac{16}{25}$ ,  $\frac{25}{3}$ ,  $\frac{7}{15}$ ,  $\frac{8}{5}$ ,  $\frac{1}{15}$
- 3. Find the greatest positive integer less than 2000 and divisible by both 24 and 32.
- 4. Simplify:  $27 [48 \div \{4 + (15 \overline{13} 2)\}]$
- 5. If a + b + c = 9 and ab + bc + ca = 15: Find  $a^2 + b^2 + c^2$
- 6. Three consecutive whole numbers are such (Assuming no remainder is left) that they are divided by 5, 3 and 4 respectively. If the sum of the quotients is 40, find the numbers.
- 7. A train is moving with uniform speed of 120 km per hour. How far will it travel in 36 minutes?
- 8. Divide 34 into two parts in such a way that (4/7)th of one part is equal to (2/5) th of the other.
- 9. Divide:  $6x^3 13x^2 13x + 30$  by  $2x^2 x 6$
- 10. A path of uniform width, 3m, runs around the outside of a square field of side 21m. Find the area of the path.

- 11. A certain sum amounts to 3,825 in 4 years and to 4,050 in 6 years. Find the rate percent and
- 12. 15 workers earn 900 in 5 days, how much will 20 workers earn in 8 days?
- 13. What will the area of a rhombus whose one side and one diagonal measurement is 20cm and 24 cm respectively?
- 14. Omkar purchased a cycle, having marked price of 4600 at a discount of 5%. If GST is charged at the rate of 10%, find the amount Omkar paid to purchase the cycle.
- 15. What will be 80% of a number whose 200% is
- 16. Find the value of x if :  $\frac{1}{2^{1990}} \frac{1}{2^{1991}} = 2^x$
- 17. At what rate percent per year will a sum of money double itself in 25/4 years?
- 18. Calculate the number of sides of a regular polygon if its interior angle is 5 times its exterior angle.
- 19. If  $\frac{a-1}{a} = \frac{1}{2}$ , find :  $4a^2 + \frac{4}{a^2}$ 20. Simplify :  $4x^2 [3y^2 \{5x^2 2y^2 (x^2 y^2)\}]$

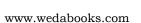
## PART B

- The cost price of an article is Rs 2400/- and it is marked at 25% above the cost price. Find the profit and the profit percent, if the article is sold at 15% discount.
- Find the volume and surface area of a cuboids whose dimensions are 9 cm 3.5 cm and 4 cm.
- The outer dimensions of a closed wooden box are 10 cm× 8 cm × 7cm. Thickness of the wood is 1cm. The total cost of wood required to make the box will be how much. [if 1 cm $^3$  of wood costs Rs 2.00/-]
- A train goes from city A to city B at a speed of 60 kmph and returns from city B to city A at a speed of 90 kmph. The average speed of the train during the whole journey is?
- The age of a father is twice the square of the age of his son. Eight years hence, the age of the father will be 4 years more than three times the age of the son. Find their present ages.
- How many bullets can be made out of a cube of lead whose edge measure 22 cm, each bullet being 2 cm in diameter.

- A can do a piece of work in 10 days, B in 12 days and C in 15 days. All begin together but A leaves the work after 2 days and B leaves 3 days before the work is finished. How long did the work last?
- Construct a quadrilateral ABCD in which angle  $A = 120^{\circ}$ , angle  $B = 60^{\circ}$ , AB = 4cm, BC = 4.5cm and CD = 5 cm.
- How many bricks of size 22 cm x 10 cm x 7 cm are required to construct a wall 33m long, 3.5m high and 40cm thick, if cement and sand used in the construction occupy 1/10th part of the wall?

10. Find the value of 
$$x$$
 in each
a)  $\frac{17-3}{5} - \frac{4x+2}{3} = 5 - 6x + \frac{7x+14}{3}$ 
b)  $\frac{2}{x-3} + \frac{3}{x-4} = \frac{5}{x}$ 

b) 
$$\frac{2}{x-3} + \frac{3}{x-4} = \frac{5}{x}$$



## **ENGLISH**

Time: 120 minutes Maximum marks: 125

### **Instructions:**

1. Read all the questions thoroughly before answering.

2. The question paper comprises of three sections.

a) Reading Section
 b) Writing Section
 c) Grammar
 d) Marks
 e) To Marks
 f) Marks

3. The question paper can be retained by the candidate post exam.

### SECTION 'A' READING

1. Read carefully the passage given below and answer the questions: (10 marks)

My next pet was a pigeon. He was the most revolting bird to look at with his feathers pushing through the scarlet wrinkled skin mixed with the horrible down that covers baby pigeons. We named him Ari. For a long time when all his feathers had not grown, Ari retained a spring of yellow down on his head which gave him the appearance of a pompous judge wearing a wig several sizes too small.

As he had no parents to teach him, Ari became convinced that he was not a bird at all and refused to fly. If he wanted to get on a table or a chair, he stood below it, cooing until someone picked him up. He would even try to come on walks with us. This however, we had to stop for either you carried him on your shoulder or else you let him walk behind. If you let him walk, then you had to slow down your own pace to suit his, for should you get too far ahead you would find him running after you, cooing frantically, his chest pouting out with indignation.

Ari refused to inhabit the pigeon loft. He preferred to sleep on the end of Jane's bed. Eventually, he was banished from the drawing room sofa, for if Jane turned over in bed at night, it would hobble up and perch on her face, cooing lovingly. Ari, we discovered, liked music too. He could recognize two different varieties. If the tune was a Waltz, he would move around the gramophone, bowing and cooing. For a Military march however, he inflated his chest and stomped up and down the room.

- a) Give the meanings of the words below. **One-word** answers or short phrases will be accepted.
  - i. Revolting:
  - ii. Retained:

- iii. Inhabit:
- iv. Banished:
- v. Inflated:
- b) Answer in your own words.
  - i. Why was Ari- convinced that he was not a bird at all?
  - ii. What was Ari's reaction if one got ahead of him while walking?
- iii. What expression in the passage does the writer use in describing Ari that compares him with a human being?
- iv. Give a phrase which is used to express Ari's anger if he was left too far behind while going for a walk with the family?
- v. Indicate how Ari demonstrated his love for music.
- 2. Read the given poem and answer the questions that follow: (10 marks)

MOTHER TO SON

Well son, I will tell you:

Life for me has not been no crystal stair. It's had cracks in it and splinters.

And boards torn up,

And places with no carpet on the floor-bare.

But all the time

I have been climbing on, and turning corner's And sometimes going in the dark where there has been no light.

So, boy, don't you turn back. Don't you sit down on the steps cause you find it kind of hard. Don't you fall now for I am still going, honey, I am still climbing,

And life for me has been no crystal stair.

- a) What has the mother compared her life to?
- b) What kind of a life has it been for the mother?
- c) Describe briefly the mother's attitude towards life?
- d) What does the phrase 'crystal stair' imply?

#### SECTION 'B' WRITING

- 3. Write an essay on any of the following:(10 marks)
  - a) Leadership
  - b) I met a stranger at the railway station.
  - c) When my father asked me to stop using the mobile phone
- 4. Write a letter to your brother giving him an account of the recent incident which took place at your school where a boy saved another boy's life. (10 marks)
- 5. Write a picture composition based on the following graphic. (10 marks)



## SECTION 'C' GRAMMAR

1.	Rewrite	the	sentences	as	directed	in	brackets,
	without	chaı	nging the m	ıear	ning of th	e se	entences.

(10 marks)

- a) Suman has worked hard at school. (Rewrite the sentence using an adverb in its correct position)
- b) If you don't move your bicycle, somebody will trip over it. (Change this if sentence into or sentence).
- c) She was very upset when she heard the news. (Change this statement into a yes or no question)
- d) The pastor preached to an attentive (Fill in the blank with a suitable Collective Noun).
- e) It was a <u>fit to be laughed at</u> Idea. (Rewrite the sentence by substituting the underlined phrase with an adjective)
- f) Thieves often break into these apartments. (Start the sentence with These')
- g) I am giving you this medicine. Take it at bedtime. (Join the two sentences using an infinitive)
- h) How many people can this auditorium accommodate? (End the sentence with ....... auditorium?")
- i) She is so clever that no one can fool her. (Replace 'So ...... that' with 'too to').
- j) The manager showed <u>his skill</u> in handling the situation. (Rewrite replacing the underlined words with an adverb).
- 2. Join the pair of sentences with appropriate **conjunctions**: (5 marks)
  - a) Ayush does not like tea. He does not like coffee either.
  - b) Shubham will come back. I do not know the time.
  - c) Payal left for Yemen. She sold all her furniture.
  - d) Monica was to reach here at 8. She has not turned up yet.
  - e) Ankit has no apples in the shop. He has to buy apples.

3.	Writ	e the <b>antonym</b> of the following:	(5 marks)
	a)	Transient	
	b)	Virtuous	
	c)	Ebb	
	d)	Frown	
	e)	Firm	

- 4. Write the **synonym** of the following: (5 marks)
  - a) Predicament
  - b) Silent
  - c) Stop
  - d) Peculiare) Synonym
- 5. Complete the given sentences with the correct form of verb:

  We decided to travel by car and \_\_\_\_\_\_(a) (leave) the house early. We \_\_\_\_\_\_(b) (be) on the road for two hours when our car \_\_\_\_\_\_(c)(hit) a stone that \_\_\_\_\_\_(d) ( lie) in the middle of the road. The car \_\_\_\_\_(e)(go) off the road but we \_\_\_\_\_\_(f) (escape) with minor injuries. Had we \_\_\_\_\_\_(g)(travel) faster, we \_\_\_\_\_\_\_(h) (involve) in a serious accident. The mishap \_\_\_\_\_\_(i)(delay) us did not \_\_\_\_\_\_(j) (damp) our enthusiasm.
- 6. Fill in the blank with **prepositions**: (5 marks)a) The soccer player was shown a yellow card for arguing \_\_\_\_\_ the referee.
  - b) Mr. Donald will call \_\_\_\_\_ him tomorrow.
  - c) The exhibition was a complete sell \_\_\_\_\_.
  - d) How can she put \_\_\_\_with such undisciplined students?
  - e) The man broke \_\_\_\_ the cordon and rushed to the dais.
  - f) We must cut on wasteful expenditure.
  - g) Though I was young my father had great confidence \_\_\_\_\_ Me
  - h) The novelty of being a celebrity wears \_\_\_\_ ultimately.
  - i) Rohit wasn't looking where he was going and he walked\_\_\_\_\_ a lamp post.
  - j) She is the nicest person I have come \_\_\_\_\_
- 7. Change the following sentences into **passive** form or vice-versa (5 marks)

- a) The police are unduly harassing me.
- b) You might have given this information earlier.
- c) The checker checks the admission tickets at the gate.
- d) She is calling me.
- e) Who stole your pen?
- 8. Choose the correct option for the following **idioms:** (5 marks)
  - a) At the helm of
    - i. At the main situation
    - ii. in the centre of the ship
    - iii. in the centre of the storm
    - iv. at the helm of the ship
  - b) An apple of discord
    - i. Sour Apple
    - ii. Also fight for an apple
    - iii. A quarrel
    - iv. The cause of the contention
  - c) Much Ado About Nothing
    - i. A play by Shaw
    - ii. To make a fuss over a small matter
    - iii. Talk about nothing
    - iv. To make a noise
  - d) Plough a lonely furrow
    - i. Plough the sands
    - ii. Work single handedly
    - iii. Plough the field
    - iv. Work in a furrow
  - e) A Gala day
    - i. An eventful day
    - ii. A day of success
    - iii. A day of merrymaking
    - iv. A day of significance
- Change the following sentences into indirect speech (5 marks)

- a) She said. "Oh dear! I have spilt coffee on the table."
- b) He said to me," When will she go to Jaipur?"
- c) He said to his servant, Go away at once."
- d) He said, 'Yes, I am at fault."
- e) They said, "Wow, what a pleasant weather it is!"
- f) Mohan said to Lata, "Let us watch some good movie."
- g) She said to me, "What can I do for you dear?"
- h) "Cheer up, mother, I shall go and work somewhere," said Veena
- i) The girl said, "How tough the paper is!"
- j) I said to the guard, "When does the next flight come in?"

10.0	complete the following <b>similes.</b>	(5 marks)					
a	) As fit as a						
b	As white as a						
C	As tight as a						
d	) Asas a lark.						
e	As busy as a						
	ame the following:	(5 marks)					
	) Words written on the grave,						
b	) A government formed by the nobles	,					
	c) A state of abstention from marriage,						
d	) A meeting of preaches or delegates,						
12. <b>Fill in</b> the <b>blank</b> with correct option: (5 marks							
а	We should(practise, pract	tice) the					
	game everyday.						
b	) During the rainy season(lighti	ing,					
	lightning) struck him.						
C	) He gave his(ascent, assent) t	o our					
	proposal.						
d	Our school will be built on this	(site,					
	sight)						
е	The defeat in the match had an adv	rerse					
	(affect_effect) on him						

## GENERAL KNOWLEDGE

Time: 60 minutes Maximum marks: 75

#### Instructions:

- 1. There are a total of 75 questions and each question carries one mark.
- 2. There is no negative marking for any wrong answer.
- 3. Do not over write, dual answers shall not fetch any marks.
- 4. All questions to be answered on the question paper only.

## {TICK ( ✓ ) THE CORRECT ANSWER}

- 1. Which country will host the 2023 ICC Cricket World Cup?
  - a) India
  - b) England
  - c) Australia
  - d) South Africa
- 2. Which astronomical observatory in India has been added to UNESCO list?
  - a) Madras astronomical observatory
  - b) VainuBappu Astronomical Observatory
  - c) IUCAA Girawali Observatory
  - d) Bihar Astronomical Observatory
- 3. Who won the Best Actor award at the 2023 Academy Awards?
  - a) Leonardo Di Caprio
  - b) Robert Downey Jr.
  - c) Tom Hanks
  - d) Brendan Fraser
- 4. PARVAZ Market Linkage Scheme is launched by which Indian Union Territory?
  - a) Puducherry
  - b) Jammu & Kashmir
  - c) Delhi
  - d) Chandigarh
- 5. Dr. N. Kalaiselvi has become the first Woman Director General of which Indian Research Organisation?
  - a) Indian Council of Social Science Research
  - b) Indian Council of Agricultural Research
  - c) Indian Agricultural Statistics Research Institute
  - d) Council of Scientific and Industrial Research (CSIR)
- 6. Which is the world's first carbon negative country?
  - a) India
  - b) Bhutan
  - c) South Korea
  - d) Singapore
- 7. 'Danuri' is the moon mission of which country?
  - a) Malaysia
  - b) Japan
  - c) South Korea

- d) Singapore
- 8. Which city/state will host the 2026 Commonwealth Games?
  - a) Durban
  - b) Delhi
  - c) Birmingham
  - d) Victoria
- 9. India's first underwater metro will be inaugurated in which city?
  - a) Hyderabad
  - b) Kolkata
  - c) Bangalore
  - d) Pune
- 10. Which of the following is not a cereal crop?
  - a) Wheat
  - b) Rice
  - c) Potato
  - d) Maize
- 11. Which Indian State has appointed Deloitte India as its consultant?
  - a) Uttarakhand
  - b) Uttar Pradesh
  - c) Himachal Pradesh
  - d) Gujarat
- 12. Who won the 2023 Australian Open Men's Singles title?
  - a) Rafael Nadal
  - b) Roger Federer
  - c) Novak Djokovic
  - d) Andy Murray
- 13. Which institution conducts 'Abhyaas' programme to guide students in Competitive Examination?
  - a) ISRO
  - b) IIT-Kharagpur
  - c) All India Radio News
  - d) DD News
- 14. Which Ministry conferred the 'India Pharma and India Medical Devices Awards 2022'?
  - a) Ministry of Health and Family Welfare
  - b) Ministry of Chemicals and Fertilisers
  - c) Ministry of Home Affairs
  - d) Ministry of Science and Technology
- 15. Which of the following is not a contribution of

India to the world:

- a) Ayurveda
- b) Yoga
- c) Chai
- d) Zero
- 16. Which Company launched M15 Petrol, with 15 per cent blend of methanol with petrol?
  - a) Indian Oil Corporation
  - b) Bharat Petroleum
  - c) Oil and Natural Gas Corporation
  - d) GAIL Ltd
- 17. First flight of Akasa Air has been inaugurated between which of the following two cities in India?
  - a) Ahmedabad to Lucknow
  - b) Jabalpur to Delhi
  - c) Chennai to Mumbai
  - d) Mumbai to Ahmedabad
- 18. 'Badhe Chalo' campaign under Azadi ka Amrit Mahotsav has been launched by which Central Ministry?
  - a) Ministry of Culture
  - b) Ministry of External Affairs
  - c) Ministry of Housing and Urban Affairs
  - d) Ministry of Home Affairs
- 19. Military exercise 'YudhAbhyas' is held between India and which other country?
  - a) Australia
  - b) Japan
  - c) USA
  - d) France
- 20. Who chairs the National Disaster Management Authority (NDMA)?
  - a) Home Minister
  - b) Prime Minister
  - c) Finance Minister
  - d) President of India
- 21. Benson and Hedges Cup is related to which sports?
  - a) Hockey
  - b) Cricket
  - c) Football
  - d) Basketball
- 22. In which year, Telangana was carved out of erstwhile unified Andhra Pradesh?
  - a) 2012
  - b) 2014
  - c) 2016
  - d) 2017
- 23. What is the target year set by India for first Human Space Mission Gaganyaan and first Human Ocean Mission?
  - a) 2022
  - b) 2023
  - c) 2024
  - d) 2025

- 24. Which state has received Agasthiyamalai Elephant Reserve as its fifth Elephant Reserve?
  - a) Karnataka
  - b) Andhra Pradesh
  - c) Kerala
  - d) Tamil Nadu
- 25. Which Indian City hosted India International Seafood Show 2023?
  - a) Kochi
  - b) Mumbai
  - c) Chennai
  - d) Kolkata
- 26. Constitution of India came into effect from?
  - a) 15 January 1950
  - b) 26 January 1950
  - c) c)15 August 1950
  - d) 15 January 1950
- 27. Where and when was the second Buddhist council held?
  - a) Patliputra in 250 BC
  - b) Sri Lanka in 1st century BC
  - c) Vaishali in 383 BC
  - d) Mandalay in 1871 AD
- 28. Which of the following galaxy is closest to our galaxy?
  - a) Andromeda galaxy
  - b) Small Magellan Cloud
  - c) Triangulum Galaxy
  - d) Centaurus A
- 29. At which among the following sites of Indus Valley Civilization, the rows of distinctive fire altars with the provision of ritual bathing have been found?
  - a) Mohen-jo-Daro
  - b) Harappa
  - c) Kalibangan
  - d) Lothal
- 30. How much time it took for Constituent Assembly to finalize the constitution?
  - a) 2 Years 11 Months 17 Days
  - b) 2 Years 9 Months 8 Days
  - c) 2 Years 7 Months 18 Days
  - d) 2 Years 5 Months 20 Days
- 31. Which among the following is the correct set of the plays written by Harshavardhan in Sanskrit?
  - a) Malavikagnimitram, Vikramorvashiiyam and Abhijñanasakuntalam
  - b) SvapnaVasavadattam, Pancharatra and PratijnaYaugandharayaanam
  - c) Nagananda, Priyadarshika and Ratnavali.
  - d) None of these
- 32. Which of the following rulers belonged to the Ghulam dynasty?
  - a) Iltutmish
  - b) Shah Jahan
  - c) Akbar
  - d) Humayun

33. From where do male mosquitoes get their food? a) Brunei Darussalam a) Human Blood b) Cambodia b) Stagnant Water c) Vietnam c) Sap of Plants d) India d) Dung and Garbage 44. India first took part in the Olympic Games in 34. A thermostat is a device used for \_\_\_\_ the year a) measuring electricity a) 1920 b) measuring heat b) 1928 c) automatically maintaining a steady c) 1972 temperature d) 1974 d) producing heat 35. Which Article is related to Equality before law? 45. Which law was called the black law by Gandhiji? a) Art. 13 b) Art. 14 a) Rowlatt Act c) Art. 15 b) Communal Award d) Art. 16 c) Hunter Commission 36. What is the age of Earth as calculated? d) Montagu Declaration a) Age of Earth is 4.543 billion years 46. What are the molten rocks under the surface of b) 5.543 billion years the earth called? c) 6.235 billion years a) Basalt d) 1.235 billion years b) Laccolith 37. What is the smallest unit of weight? c) Lava a) Ratti b) Drona d) Magma c) Tola 47. Article 370 was revoked from the state of J and d) Masha K on? 38. Which of the following sanctuary is well-known a) 15 January 2020 for elephants b) 14 February 2019 a) Kanha c) 15 August 2019 b) Gir d) 06 August 2019 c) Kaziranga 48. Land is included in the circle d) Periyar a) upper crust only 39. Biofertilizers convert nitrogen into which of the b) upper and lower crust c) upper and lower crust and solid upper part following? of mantle a) Nitrates d) none of these b) Ammonia 49. Which is the largest moon in our solar system? c) Nitrogenase a) Ganymed (Jupiter) d) Ammonia in acid b) Titan (Saturn) 40. In which year was the Swaraj Party founded? c) Callisto (Jupiter) a) 1919 d) Io(Jupiter) b) 1920 50. Veda, which is partly in prose and partly in c) 1923 d) 1925 verses is \_\_\_? 41. Which is the deepest point on earth above sea a) Rigveda level? b) Samaveda a) North Channel c) Yajurveda b) Pacific Ocean d) Atharvaveda c) Mariana Trench 51. Where is the International Court of Justice? d) Red Sea a) The Hague 42. The first woman to climb mount Everest was b) Berlin a) Marie Jose perc c) London b) Florence Griffith Joyner d) Warsaw c) Junko Tabei 52. The Acid in gastric juice is d) Jackie Joyner Kersee a) Acetic acid 43. Which one of the following countries is not a b) Nitric acid member of ASEAN?

- c) Hydrochloric acid
- d) Sulphuric acid
- 53. The first Asian Games were held in
  - a) Manila
  - b) Tokyo
  - c) Jakarta
  - d) New Delhi
- 54. Which of the following wave passes only through the solid medium?
  - a) P-Wave (Primary Wave)
  - b) S-Wave (Transverse Wave)
  - c) L-Wave
  - d) All the above
- 55. What is the full form of ESA?
  - a) European Space Agency
  - b) European seculars agency
  - c) East Space Agency
  - d) Earth Space Agency
- 56. When did UN General Assembly established UN industrial Development Organization?
  - a) 1986
  - b) 1966
  - c) 1967
  - d) 1965
- 57. The first Defence Minister of India was
  - a) K M Cariappa
  - b) Gopalaswami Aiyangar
  - c) Baldev Singh
  - d) Sardar Patel
- 58. Which among the following planets is smaller in size than the Earth?
  - a) Neptune
  - b) Venus
  - c) Saturn
  - d) Uranus
- 59. Which of these rocks is the oldest from the point of view of construction?
  - a) Igneous rock
  - b) Metamorphic rock
  - c) Sedimentary rock
  - d) None of these
- 60. The term for live audio-visual meet with two or more participants, remotely located and geographically dispersed:
  - a) Tele-conferencing
  - b) Mobile
  - c) Email
  - d) Data
- 61. In which state is the World Heritage Site named Basilica of Bom Jesus located?
  - a) Goa
  - b) Maharashtra
  - c) Manipur
  - d) Tamil Nadu
- 62. Sabarimala is in which state?
  - a) Kerala

- b) Tamil Nadu
- c) Karnataka
- d) Andhra Pradesh
- 63. Husari and Bihuna are dance forms of which state?
  - a) Bihar
  - b) Assam
  - c) West Bengal
  - d) Orissa
- 64. Which court exercises the jurisdiction of the Union Territory of Lakshadweep?
  - a) Kerala High Court
  - b) Tamil Nadu High Court
  - c) Bombay High Court
  - d) Calcutta High Court
- 65. How much of the Earth's surface is covered by sedimentary rocks?
  - a) 71%
  - b) 81%
  - c) 85%
  - d) 75%
- 66. Who can change the number of judges of the Supreme Court?
  - a) Parliament by law
  - b) Presidential Order
  - c) Notification of the Central Government
  - d) Supreme Court notification
- 67. Who among the following can remove the Governor from his office?
  - a) Parliament
  - b) State Legislative Assembly
  - c) President
  - d) none of these
- 68. Which statement is correct about the laws of reflection:
  - i. The incident ray, normal ray and the reflected ray all lie in the same plane.
  - ii. The angle of reflection is always equal to the angle of incidence.
  - iii. The angle of incidence is equal to the angle formed by normal ray.
  - iv. The angle of reflection is equal to 90°.
  - a) Both i. and ii.
  - b) Both ii. and iii.
  - c) Both iii. and iv.
  - d) i., ii. and iv. are correct
- 69. The Article 123 of the Constitution deals with?
  - a) Advisory Jurisdiction of the Supreme Court
  - b) Presidential Ordinances
  - c) Election Commission
  - d) Special status of Jammu and Kashmir
- 70. The Department of Border Management is a department under which ministry?
  - a) Ministry of Home Affairs
  - b) Ministry of Defense
  - c) Ministry of Road Transport

- d) Ministry of External Affairs
- 71. Fatehpur Sikri was founded as the capital of the Mughal Empire by \_\_\_\_\_.
  - a) Jahangir
  - b) Akbar
  - c) Babur
  - d) Humayun
- 72. The proposal to remove the Vice-President can be moved in
  - a) Rajya Sabha only
  - b) Lok Sabha only
  - c) in a joint session of Lok Sabha and Rajya Sabha
  - d) Both Lok Sabha and Rajya Sabha
- 73. Sound can not travel in which medium?
  - a) Solid

- b) Liquid
- c) Gas
- d) Vacuum
- 74. Which one of the following schedules of the Constitution of India is to be amended to create a new state?
  - a) First Schedule
  - b) Second Schedule
  - c) Third Schedule
  - d) Fourth Schedule
- 75. Which is the largest Lok Sabha constituency of India in terms of area?
  - a) Ladakh
  - b) Arunachal Pradesh
  - c) Kutch
  - d) Barmer