# ALL INDIA SAINIK SCHOOLS ENTRANCE EXAMINATION : 2018 PAPER I – MATHS, ENGLISH, GEN SC AND SOC STUDIES CLASS – IX

Max. Marks : 350
Roll No
Code No

# PAPER I – MATHS, ENGLISH, GEN SC AND SOC STUDIES

Note : Candidate	NOT TO	WRITE Nam	e or Roll Numb	er on any	page in the Main Answer Book.
Marks Obtained	A Maths	B	C Gen SC	D	Code No.
Full Signature of	Examine	·	C	hecked By	

# INSTRUCTIONS

1. This question paper contains of FOUR sections and you have to answer all questions in the OMR answer sheet. Section "A" Mathematics contains 50 questions of 4 marks each, Section "B" English, Section 'C' Gen Science and Section "D" Soc Studies contains 25 questions of 2 marks each respectively.

2. Section 'E' Intelligence paper contains 25 questions. The Question Paper will be given after 2 hours. Answers for 'Section E' is also to be written in the same OMR answer sheet.

3. There is only one correct answer for each question. Darken only one bubble for each question. If you darken more than one bubble, your answer will be treated as wrong.

4. Evaluation of OMR answer sheet will be done on a computer. Be careful and ensure no unnecessary marks on the OMR answer sheet/ fold or attempt to deface the OMR answer sheet, otherwise it will not be evaluated.

5. Rough work must be done on the additional sheet only and **NOT** on OMR answer sheet.

- 6. Write your answers in Blue/Black ink only. Do not use pencil.
- 7. There are total 20 pages in the question paper.

# **SUBJECT : MATHEMATICS**

Q.1.	If a number 573 xy is divisible by 90, then what is the value of x +y ? (a) 6 (b) 9 (c) 3 (d) 8
Q.2.	Which of the following numbers is in standard form? (a) $\frac{-24}{52}$ (b) $\frac{-49}{71}$ (c) $\frac{-27}{48}$ (d) $\frac{28}{-105}$
Q.3.	What should be added to $\frac{-5}{7}$ to get $\frac{-2}{3}$ ?
	(a) $\frac{-29}{21}$ (b) $\frac{29}{21}$ (c) $\frac{1}{21}$ (d) $\frac{-1}{21}$
Q.4.	The age of A and B are in the ratio 5 : 7. Four years from now the ratio of their ages will be3 : 4. Then the present age of B is :(a) 20 years (b) 28 years (c) 15 years (d) 21 years
Q.5.	Two consecutive even numbers are such that half of the larger number exceeds one-forth ofthe smaller number by 5. Then the larger number is:(a)16(b)18(c)32(d)34
Q.6.	If $0.25 (4f-3) = 0.05 (10f-9)$ , then f is equal to : (a) 0.6 (b) 0.8 (c) 0.5 (d) 0.4
Q.7.	A number consists of two digits. The digit in the tens place exceeds the digit in the units place
	by 4. The sum of the digit is $\frac{1}{7}$ of the number. The number is :
	(a) 27 (b) 72 (c) 48 (d) 84
Q.8.	How many sides does a regular polygon have, wherein, whose interior angle is eight times its exterior angle ? (a) 16 (b) 24 (c) 18 (d) 20
Q.9.	ABCD is a rectangle with $\square BAC = 48^{\circ}$ . Then $\square DBC$ is equal to : (a) $38^{\circ}$ (b) $42^{\circ}$ (c) $48^{\circ}$ (d) $132^{\circ}$
Q.10.	The angles A,B,C,D of a quadrilateral ABCD taken in order are in the ratio 3 :7 :6 :4, then ABCD is a : (a) Rhombus (b) Parallelogram (c) Trapezium (d) Kite

Q.11.	A data set of n observations has mean $2\overline{x}$ . While another data set of 2n observations has mean $\overline{x}$ . Then the mean of the combined data set of 3n observations will be :
	(a) $\vec{X}$ (b) $\frac{3}{2}\vec{X}$ (c) $\frac{2}{3}\vec{X}$ (d) $\frac{4}{3}\vec{X}$
Q.12.	In a class of 17 students, six boys failed in a test. Those who passed scored 12, 15,17, 15,16,15,19, 17, 18, 18 and 19 marks. The median score of 17 students in the class is : (a) 15 (b) 16 (c) 17 (d) 18
Q13.	The mean age of a class is 16 years . If the class teacher aged 40 years old is also included,the mean age increases to 17 years. The number of students in the class are:(a)23(b)33(c)44(d)16
Q.14.	From a well-shuffled deck of 52 cards, one card is drawn at random. What is the probability that the drawn card is a queen?
	(a) $\frac{1}{4}$ (b) $\frac{1}{52}$ (c) $\frac{1}{13}$ (d) $\frac{1}{26}$
Q. 15.	Which of the following numbers is not a perfect square ?(a) 3600(b) 6400(c) 81000(d) 2500
Q.16.	Which least number must be subtracted from 176 to make it a perfect square?(a)16(b)7(c)10(d)4
Q. 17.	$\sqrt{288}$ is equal to : $\sqrt{128}$
	(a) $\frac{3}{2}$ (b) 1.49 (c) $\frac{\sqrt{3}}{2}$ (d) $\frac{3}{\sqrt{2}}$
Q.18.	The volume of a cubical box is 32.768 cubic metres. Then the length of a side of the box is : (a) 32m (b) 320m (c) 768m (d) 3.2m
Q.19.	By what least number should 648 be multiplied to get a perfect cube? (a) 3 (b) 6 (c) 9 (d) 18
Q.20.	Given that $3048625 = 3375 \times 729$ . Then what is the cube root of $3048625$ ?(a)155(b)135(c)45(d)None of these
Q. 21.	I borrowed Rs. 12000 from Jamshed at 6% per annum simple interest for 2 years. Had I borrowed this sum at 6% per annum compound interest, what extra amount would I have to pay ?
	(a) Rs. 144 (b) Rs. 1440 (c) Rs. 72 (d) Rs. 43.20

- Q.22. During a sale, a shop offered a discount of 10% on the marked price of all the items. What would a customer have to pay for a pair of jeans marked at Rs. 1450 and two shirts marked at Rs. 850 each?
   (a) Re 2825 (b) Re 2150 (c) Re 2200 (d) Name of these
  - (a) Rs. 2835 (b) Rs.3150 (c) Rs. 2300 (d) None of these
- Q. 23. If the cost price of 10 greeting cards is equal to the selling price of 8 greeting cards. Then the gain or loss % is:

(a) Loss of 25% (b) Loss of 20% (c) gain of 25% (d) gain of 20%

Q.24. 'A' can do a piece of work in 20 days which 'B' alone can do in 12 days. 'B' worked at it for 9 days then 'A' can finish the remaining work in :

(a) 3 days (b) 5 days (c) 7 days (d) 11 days

Q.25. A car takes 2 hours to reach a destination by travelling at 60 km/hr. How long will it take while travelling at 80 km/hr?
(a) 1 hrs 30 min
(b) 1 hrs 40 min
(c) 2 hrs 40 min
(d) none of these

Q. 26.	lf x+	$\frac{1}{x} = 5$ then $x$	$x^{2} + \frac{1}{x^{2}}$	= ?				
	(a)	25	(b) 27		(c)	23	(d)	$25\frac{1}{25}$
Q. 27.	(a+1) (a)	(a-1) (a <sup>2</sup> +1) (a <sup>4</sup> - 2a <sup>2</sup> -1)	is equal t (b)	:o :- (a <sup>4</sup> -a <sup>2</sup> -1)	(c) (a <sup>4</sup>	+1)	(d) (a	a <sup>4</sup> -1)
Q.28.	(82) <sup>2</sup> - (a)	18² is equal to 8218	b : (b)	6418	(c)	6400	(d)	7204
Q. 29.	How m (a)	nany edges do 9	es a squ (b)	are prism have 12	e ? (c)	16	(d)	8
Q.30.	Three formed (a)	cubes of iron d into a single 12cm	whose eo cube. Tl (b)	dges are 6cm, ne edge of th <mark>e</mark> 14cm	8cm an new cu (c)	d 10 cm respec be formed is : 16 cm	ctively a (d)	re melted and 24 cm
Q.31.	If the c the tar	capacity of a c nk is :	ylindrical	tank is 1848m	n <sup>3</sup> and th	ne diameter of i	ts base	is 14m, the depth of
	(a) 8m	ı	(b)	12m	(c)	16m	(d) 18r	n
Q.32.	The ed	dges of a cubio	od are in	the ratio 1:2:3	and its	surface area is	88cm <sup>2</sup>	. The volume of the

- cuboid is :
  - (a)  $64cm^3$  (b)  $96cm^3$  (c)  $120cm^3$  (d)  $48cm^3$

Q.33.	. The parallel sides of a trapezium are in the ratio 4:3 and the perpendicular distance between them is 12cm. It the Area of the trapezium is 630 cm <sup>2</sup> , then its shorter of the parallel side is :							
	(a)	45cm	(b)	42cm	(c)	60cm	(d)	36 cm
Q.34.	The ba (a) 10r	use of a triangle n	e is four (b)	times its heigh 15m	nt and its (c)	s area is 50m <sup>2.</sup> 20m	The le (d) 2	ngth of its base is 5m
Q. 35.	3 <sup>n</sup> 9 <sup>n</sup>	.3 <sup>2n+1</sup> is ea	qual to :					
	(a)	1	(b)	9	(c) 3	3	(d) 3 <sup>n</sup>	
Q.36.	4 <sup>3.5</sup> :	2 <sup>5</sup> is the sam	e as :					
	(a)	4 : 1	(b)	2:1	(c)	7:5	(d)	7 : 10
Q.37.	lf a = b	$p^{2/3}$ and b=	c <sup>-2</sup> ,the	n what is the v	alue of	a in terms of c	?	
	(a)	$\frac{4}{C^3}$	(b)	<sup>3</sup> √ <i>C</i> <sup>4</sup>	(c)	$\frac{1}{\sqrt[3]{C^4}}$	(d)	∜ <i>C</i> ³

Refer the following graph for Q No. 38 to 42



A courier–person cycles from a town to a neighbouring suburban area to deliver a parcel to a merchant. His distance from the town at different times is shown by the above graph?

Q.3	3. What is t (a) .2 un	the scale take its =1hour	en for tl (b)	he time ax 1 unit =2	kis? 2 hours	s (c)	1 unit = 4	hours	(d) 4 un	its = 1ho	ur
0.3		ch time did th		on taka fo	r tha t	ravel?					
Q.0	(a) 2	hours	(b)	$2\frac{1}{2}$ hours	5 5	(c)	$3\frac{1}{2}$ hours		(d) 4 hc	ours	
Q.4	). How far (a) 1	is the place o 1 km	of the m (b)	nerchant fi 22 km	rom to	wn? (c)	13 km		(d) 26 ł	ĸm	
Q.4	1. When di (a) b (c) b	d the person between 8 am between 10.00	stop or 1 to 9 ai 0 am to	n the way′ m o 10.30 an	? n	(b) (d)	between 9 between1	) am to 0.30 am	10 am 1 to 11.30	) am	
Q.42	2. During w (a) b (c) b	vhich period o etween 8 am etween 10.00	did he r n to 9 ai 0 am to	ide the fa: m o 10.30 an	stest '	? (b) (d)	between 9 a between 10.	um to 10 .30 am t	am to 11.30	am	
Q.4	3. Find the 9) 4AB - <u>45</u> 3B - <u>36</u> 0	values of A,	B, C in	the follow	ving.						
	Then wh (a) 10	at is the valu	e of A+ (b)	-B+C ? 14		(c)	16	(d)	18		
Q.44	4. If y den divisible (a) 3	otes the digit by 11. The v	t at hun /alue of (b)	dreds pla f y is : 5	ce of t	he nu (c)	mber 67y 19 4	), such t (d)	hat the r 7	number is	>
Q.4	5. Find three $a^2 + b^2 + (a)$ 1	ee whole num c <sup>2</sup> ? 4 (b)	nbers a 15	, b and c s	such th	nat a - (c)	⊦ b + c = a x 16	b x c, tł (d)	nen what 17	t is the va	alue of
Q.4	6. 3 +23y - (a) (1	- 8y² is equa 1-8y) (3+y)	al to : (b)	(1+8y)	(3-y)	(c)	(1-8y) (y-3)	) (d	) (8y-1)	(y+3)	
Q.4	7. A motor In how m (a) 2	car starts wit nany hours w 14/4 hrs	h a spe ill it cov (b) 4	eed of 70 l /er 345 kr 1hrs 5 min	km/hr ns ? I	with it (c)	s speed incr $4\frac{1}{2}$ hrs	easing ( (d)	every 2 ł 3 hrs	nrs by 10	km/hr

- Q. 48.  $(\frac{1}{4}x^2 \frac{1}{2}x 12) \div (\frac{1}{2}x 4)$  is equal to : (a)  $(x + \frac{3}{2})$  (b)  $(\frac{1}{2}x - 3)$  (c) (2x + 3) (d)  $(\frac{1}{2}x + 3)$
- Q.49. 1200 soldiers in a fort had enough food for 28 days. After 4 days, some soldiers were transferred to another fort and thus the food lasted now for 32 more days. How many soldiers left the fort?
  - (a) 300 (b) 400 (c) 200 (d) 100
- Q. 50. If the perimeter of an isosceles right triangle is  $(6+3\sqrt{2})m$ , then the area of the triangle is (a)  $5.4m^2$  (b)  $81m^2$  (c)  $9m^2$  (d)  $4.5m^2$

#### ENGLISH LANGUAGE

Q.51 The correctly punctuated sentence is :

- (a) He asked me, "whether I had done my work".
- (b) He asked me, "whether I had done my work"?
- (c) He asked me whether I had done my work?
- (d) He asked me whether I had done my work.
- Q.52 Which of the following will be the correct indirect speech if the statement given below is changed into it?

#### He said, "I shall leave these papers here."

- (a) He said that he would leave those papers there.
- (b) He said that he should leave those papers there.
- (c) He said that he would leave these papers there.
- (d) He said that he would leave those papers here.

#### Q.53 The correct passive form of the following sentence is :

#### They asked me my name.

- (a) My name was asked me by them.
- (b) I was asked my name.

- (c) Me was asked my name by them.
- (d) My name was asked from them.

### Q.54 The correct meaning of the word 'calamity' is:

- (a) disaster
- (b) scourge
- (c) harm
- (d) injury

## Q.55 'Red Letter Day' means :

- (a) a dangerous day
- (b) a rosy day
- (c) an important day
- (d) a bloody day

#### Q.56 The correct antonym of the word 'assets' is:

- (a) liabilities
- (b) estate
- (c) responsibilities
- (d) hindrances

# Q.57 The plural form of 'alumnus' is:



(d) alumni

Q.58 'Alma Mater' is the place where one:

- (a) studied
- (b) married
- (c) died
- (d) was born

## Q.59 Identify the part which contains an error in the following sentence.

#### Ten miles are not a long distance.

- (a) ten miles
- (b) are not
- (c) a long distance
- (d) no error

#### Q.60 Choose the correct order to make the sentence below meaningful.

History of India/ than / was there a / Mahatma Gandhi/ never in the /greater man.

6

- 1 2 3 4 5 (a) 124356
- (b) 634521
- (c) 513126
- (d) 513624

#### Q.61 Fill in the blank with a suitable Phrase Preposition.

He accepted the car \_\_\_\_\_ his claim for Rs 3,25,000.

- (a) on account of
- (b) by dint of
- (c) in lieu of
- (d) because of

	(a)	im
	(b)	in
	(c)	un
	(d)	em
Q.63	Fill in	the blank with a suitable Conjunction.
	He is	slow, he is sure.
	(a)	and
	(b)	for
	(c)	but
	(d)	or
Q.64	Comp	elete the following maxim.
	Geniu	s without education is like silver in the
	Geniu (a)	s without education is like silver in the shop
	Geniu (a) (b)	s without education is like silver in the shop mine
	Geniu (a) (b) (c)	s without education is like silver in the shop mine Well
	Geniu (a) (b) (c) (d)	s without education is like silver in the shop mine Well pit
Q.65	Geniu (a) (b) (c) (d) Selec	s without education is like silver in the shop mine Well pit t the word that is opposite in meaning to the underlined word.
Q.65	Geniu (a) (b) (c) (d) Selec My firs	s without education is like silver in the shop mine Well pit t the word that is opposite in meaning to the underlined word.
Q.65	Geniu (a) (b) (c) (d) Selec My firs (a)	s without education is like silver in the shop mine Well pit t the word that is opposite in meaning to the underlined word. st lecture in the classroom was a <u>fiasco.</u> success
Q.65	Geniu (a) (b) (c) (d) Selec (d) My firs (a) (b)	s without education is like silver in the shop mine Well pit t the word that is opposite in meaning to the underlined word. st lecture in the classroom was a <u>fiasco.</u> success joy
Q.65	Geniu (a) (b) (c) (d) <b>Selec</b> (a) (b) (c)	s without education is like silver in the shop mine Well pit t the word that is opposite in meaning to the underlined word. st lecture in the classroom was a <u>fiasco.</u> success joy fun

Q.62 The suitable prefix for the word "bitter" is:

Q.66. The right suffix for the word 'just' to make it an abstract noun is:

- (a) ly
- (b) ify
- (c) ice
- (d) ing

#### Q.67 Select the word that is similar in meaning to the underlined word.

The <u>requisite</u> energy is derived from the battery.

- (a) insignificant
- (b) necessary
- (c) different
- (d) special

#### **Q.68** Select the word that is similar in meaning to the underlined word.

His <u>candid</u> opinion has won him many friends.

- (a) kind
- (b) courteous
- (c) generous
- (d) frank

# **Q.69** Select the word that is opposite in meaning to the underlined word.

Everyone agreed that it was a piece of meticulous research.

- (a) careless
- (b) careful
- (c) cautious
- (d) scrupulous

#### Q.70 The word 'avert' means:

- (a) avoid
- (b) fall
- (c) hatred
- (d) degenerate

Q. 71 The adjective form of 'boast' is :

- (a) boastful
- (b) boastly
- (c) boasty
- (d) boastile

Read the following passage and answer the questions that follow .

Vehicles do not move about the roads for mysterious reasons of their own. They move only because people want them to move in connection with the activities which the people are engaged in. Traffic is therefore a 'function of activities', and because, in towns, activities mainly take place in buildings, traffic in towns is a 'function of buildings'. The implications of this line of reasoning are inescapable.

### Q.72 Line 1 of the passage means that the vehicles move on the roads

- (a) for reasons difficult to explain.
- (b) to serve specific purposes of people.
- (c) in a haphazard fashion.
- (d) in ways beyond our control.

#### Q.73 The author says that traffic is a 'function of activities'. He means that

- (a) human activities are taking place.
- (b) human activities are dependent on traffic.
- (c) traffic is not dependent on human activities.

(d) traffic is connected with human activities.

# Q.74 The author suggests by his argument that

- (a) to regulate traffic, more policemen have to be employed.
- (b) to regulate activities, traffic has to be controlled.
- (c) to regulate traffic, buildings have to be taken into consideration.

(d) to understand the traffic problem, we must examine the social context in which it is found.

## Q. 75 By 'this line of reasoning', the author means

- (a) idea contained in this line.
- (b) idea contained in any one line of his argument.
- (c) the manner of arguing.
- (d) this row of printed characters.

# SUBJECT : GENERAL SCIENCE

Q.76. Tungsten (a transition element) being a metal exhibits the following properties:-

- (I) It is sonorous
- (II) It possesses high tensile strength
- (III) It possesses high melting point
- (IV) It has high density

Which of the above property/properties of Tungsten made it a suitable material for the filament of an electric bulb?

	(a) I	, II and II	(b)	II and III	(C)	Only III	(d) I	II, III and IV
Q.77.	Hepati	itis-B is <mark>c</mark> aus	ed due to :-					
	(a)	Virus	(b)	Protozoa	(c)	Bacteria	(d)	Fungi
Q.78.	The pr	oduction of a	an exact copy c	of an animal by	asexual	reproductior	ı is known	as :-
	(a)	Cloning	(b)	Mating	(c)	Budding	(d)	Hatching
Q.79.	The de	evice which a	can be used to	detect very sm	all currer	nt following ir	n an electr	ic circuit is:
	(a)	LEAD	(b)	MCB	(c)	LED	(d)	None of these

Q.80.	Which of these unicellular organisms has no definite shape? (a) Amoeba (b) Paramecium (c) Euglena (d) Bacteria									
Q.81.	Which is a thermosetting plastic?(a)Polythene(b)Melamine(c)PVC(d)Nylon									
Q.82.	Solution of which of the following oxides in water will change the colour of blue litmus to red? (a) Sulphur dioxide (b) Magnesium oxide (c) Iron oxide (d) copper oxide									
Q.83.	<ul> <li>In India, PCRA advises how to save petrol/diesel while driving. For this, PCRA gave several tips. Here, PCRA stands for :</li> <li>(a) Pollution Control Research Association</li> <li>(b) Petroleum Conservation Research Association</li> <li>(c) Petroleum Collection and Reserve Association</li> <li>(d) None of the above.</li> </ul>									
Q.84.	An electrolyte is : (a) a metal (b) a solution (c) a liquid that conducts current (d) All of the above.									
Q.85.	As the angle between two plane mirrors is decreasing gradually, the number of images of an object placed between them: (a) first increases then decreases (b) first decreases then increases (c) increases (d) decreases									
Q.86.	Purest form of carbon is:(a)Coal(b)Charcoal(c)Coke(d)All of these									
Q.87.	Value of one light year in S.I unit is: (a) 1.5 x 10 <sup>11</sup> m (b) 9.46x10 <sup>15</sup> m (c) 1.5x10 <sup>15</sup> m (d) 9.46x10 <sup>12</sup> m									
Q.88.	Which of the following liquids does not conduct electricity?ILemon juiceIISugar solutionIIIDistilled waterIVDilute Hydrochloric acid									
	(a) I, II, and IV (b) Only III (c) Only IV (d) III and IV									
Q.89.	I- Fungi, II- Bacteria Consider the following statements and find the correct one:									
	<ul> <li>(a) II are small prokaryotes while I are large celled eukaryotes with defined mitochondria and other organelles.</li> <li>(b) II have a sexual reproduction through conjugation and transformation but I through genetic recombination.</li> <li>(c) II have a sexual reproduction through conjugation and transformation but I through genetic recombination.</li> </ul>									

(d) All of the above

Q.90	When	the applied for	ce is do	oubled and the	object i	s still at rest, th	en fricti	on becomes:
	(a)	doubled	(b)	halved	(c)	quadrupled	(d)	zero
Q. 91.	Oxide I	s of which elen Carbon	nent(s) i II	s/are present i Nitrogen	n acid ra III	ain? Sulphur		
	(a)	I and II	(b)	II and III	(c)	I and III	(d)	I, II and III
Q.92.	Which (a)	of the followin Hoe (b)	g tools plougł	would a farmer า	use to (c)	remove weeds Axe	from th (d)	ne field? cultivator
Q.93.	the	a ( ey cannot	re the s Organis	mallest micro-o m. They do no When they	organisr ot respir v are ou	ms which can d e, feed, grow, e tside the	levelop excrete	only inside the cell of or move on their own _cell, they behave as
	Choos	se the correct o	rder to	fill the blanks:				
	(a) (b) (c) (d)	Bacteria, Hos Virus, Bacteri Virus, Host, E Virus, Host, R	st, Multi a, Repr Exchang Reprodu	ply, Animal, Liv oduce, Living, le gases, Living ce, Living, Nor	ving Non-livi g, Non-l n-living	ng iving		
Q.94. proper	In the rties.	process of vu	ılcanisa	tion, Natural ru	ubber is	s treated with a	an eler	nent X to improve its
	(a)	Carbon	(b)	Nitrogen	(c)	Sulphur	(d) I	Phosphorus
Q.95.	The st (a)	andard value o 78 cm of Hg	of atmos (b)	pheric pressur 76mm of Hg	e is (c)	45 cm of Hg	(d)	0.76cm of Hg
Q.96. vibratio	The so	ound from a mo	osquito t is the t	is produced wh time period of v	ien it vit vibratior	orates its wings i?	at an a	average rate of 500
	(a)	2 s	(b)	0.002 s	(c)	0.02 s	(d)	0.2 s
Q.97.	Th <mark>e c</mark> l	hange in <mark>foc</mark> al l	length c	of an eye lens t	o focus	the image of o	bjects a	at varying distances is
done t	by the a (a)	ction of Pupil	(b)	Iris	(c)	Retina	(d)	Ciliary muscles
Q.98.	Which (a)	cell organelle Lysosomes	is calleo (b) (	d the power Ho Golgi bodies	use of a (c)	a cell ? Mitochondria	(d)	Ribosomes

Q.99. The dramatic changes in body features associated with puberty are mainly because of the secretions of

(i)	Thyroxine	(ii) Es	(ii) Estrogen		Adrenalin	(iv)	Testosterone
(a)	(i) & (ii)	(b)	(ii) & (iii)	(C)	(i) & (iii)	(d)	(ii) & (iv)

Q.100. The earth rotates around its axis. The sun appears to rise in the east. Venus rotates in the opposite direction of Earth . We can therefore assume that on Venus, the sun sets in the
(a) East
(b) West
(c) North
(d) South

### SUBJECT : SOCIAL SCIENCE

Q.101. Who became the Nawab of Bengal after the death of Alivardi Khan?

- (a) Murshid Quli Khan
- (b) Mir Jafar
- (c) Sirajuddaulah
- (d) Mir Qasim

## Q.102. FIR means:

- (a) Final Information Report
- (b) First Information Report
- (c) Full Information Report
- (d) First Investigation Report
- Q.103. How many MPs are elected to the Rajya Sabha?
  - (a) 272 (b) 250 (c) 245 (d) 233

Q.104. What is the meaning of 'media sets the agenda?

- (a) Media supports the government
- (b) Media directs the people to agitate
- (c) Media shapes our thoughts by giving more importance to some issues
- (d) Media criticizes the government
- Q.105. The process in which different crops are grown in alternate rows is known as :
  - (a) Crop rotation
  - (b) Intercropping
  - (c) Terrace farming
  - (d) Contour cropping
- Q.106. Which of the following statements is/are correct?
  - 1. 'Diwani' is the right to collect revenue
  - 2. 'Faujdari adalat' refers to a civil court
  - 3. Richard Wellesley implemented the Subsidiary Alliance
  - Select the correct answer using the codes given below :-
    - (a) 1 only

- (b) 1,2 and 3
- (c) 1 and 3 only
- (d) 2 and 3 only

Q.107. Which type of farming is practised to meet the needs of a farmer's family?

- (a) Subsistence Farming
- (b) Organic Farming
- (c) Commercial Farming
- (d) Mixed Farming

Q.108. Biotic resources are :

- (a) made by human beings
- (b) derived from living things
- (c) derived from non-living things
- (d) none of the above

Q.109. Separation of religion from the state means :

- (a) Communalism
- (b) Democracy
- (c) Secularism
- (d) All of the above

Q.110. Arrange the following events of the Indian Freedom Movement in correct sequence beginning from the earliest:

- 1. The Non-Cooperation Movement
- 2. Quit India Movement
- 3. The Rowlatt Satyagraha
- 4. The March to Dandi

Select the correct answer using the code given below :-

- (a) 3-1-4-2
- (b) 1-2-3-4
- (c) 3-1-2-4
- (d) 1-3-2-4

Q.111. The Young Bengal Movement was led by :

- (a) Swami Vivekananda
- (b) Keshab Chandra Sen
- (c) William Jones
- (d) Henry Louis Vivian Derozio

Q.112. \_\_\_\_\_\_refers to the court declaring that a person is not guilty of the crime which he/she was tried for by the court.

(a) Appeal (b) Acquit (c) Accuse (d) None of these.

Q.113. Which of the following pairs is <u>NOT</u> correctly matched.

- 1. Nana Saheb Kanpur
- 2. Rani Lakshmibai Jhansi

	3. 4	Kunwar Singh Bakht Khan	1	-	Luckn Delhi	ow				
	Select (a) (b) (c) (d)	the correct and 1 and 3 3 only 4 only 2 and 3	swer us	ing the o	codes g	given	below :			
Q.114.	. Which (a)	one of the follo Bolivia	owing is (b)	a leadii Ghana	ng prod	lucer (c)	of copper in the Peru	e world (d)	? Zimbabwe	
Q.115.	AMUL (a) (b) (c) (d)	stands for : Anand Milk Un Anand Milk U Anand Mazdo Ahmedabad M	nion Lir Inited L or Unic ⁄Iilk Uni	nited imited on Limite on Limit	ed ed					
Q.116.	How n (a) T	nany permaner Three	nt meml (b) F	oers are <sup>-</sup> our	there i	n the (c)	UN Security Co Five	ouncil? (d)	Six	
Q.117.	Cultiva (a)	ation on planter Ryoti	's own (b)	land was Mahalv	s referr wari	ed to (c)	as : Batai	(d)	Nij	
Q.118.	Which (a) (c)	of the following Transport Obtaining sug	g is a so ar from	econdar <u>:</u> sugarca	y activit ane	ty? (b) (d)	Farming Bee keeping	9		
Q.119.	Which (a)	one of the follo Topography	owing is (b)	s not a fa Soil tex	actor of xture	soil f (c)	ormation? Climate	(d)	Time	
Q.120.	Vicero (a)	y Curzon	(b)	artitione Minto	d Beng	al in (c)	1905. Irwin	(d)	Mountbatten	
Q.121.	The le	eaders of the K ayyid brothers	hilafat a (b)	agitation Ali brot	were: thers	(c)	Both (a) and (b)	) (d)	None	
Q.122.	Which (a) (b) (c) (d)	of the following Right to equal Right to educa Right to prope Right to freed	g is not lity ation erty om	a funda	mental	right	of citizens of In	dia?		
Q.123.	To cor to :- (a)	mplain about th Municipal Cor	e probl	em of hy n	/giene &	& san	itation, a persoi	n living	in a big city shou	og blu

(b) Municipal Committee

- (c) Nagar Panchayat
- (d) Zila Parishad

# Q.124. The Supreme Court was established on :

- (a) 26 January 1950
- (b) 15 August 1947
- (c) 26 November 1949
- (d) 15 August 1950
- Q.125. Which one of the following refers to the tomb of a Sufi Saint?
  - (a) Idgah (b) Khanqah (c) Dargah

(d) None

# ROUGH WORK

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