Engg. sex. Exam => 2012

DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE ASKED TO DO SO

T.B.C.: R-FTF-M-HBU

Serial No.

Test Booklet Series

TEST BOOKLET

GENERAL ABILITY TEST



Time Allowed: Two Hours

Maximum Marks: 200

INSTRUCTIONS

- 1. IMMEDIATELY AFTER THE COMMENCEMENT OF THE EXAMINATION, YOU SHOULD CHECK THAT THIS TEST BOOKLET *DOES NOT* HAVE ANY UNPRINTED OR TORN OR MISSING PAGES OR ITEMS, ETC. IF SO, GET IT REPLACED BY A COMPLETE TEST BOOKLET.
- 2. ENCODE CLEARLY THE TEST BOOKLET SERIES A, B, C OR D AS THE CASE MAY BE IN THE APPROPRIATE PLACE IN THE ANSWER SHEET.
- 3. You have to enter your Roll Number on the Test Booklet in the Box provided alongside. DO NOT write anything else on the Test Booklet.
- 4. This Test Booklet contains 120 items (questions), 60 in PART—A and 60 in PART—B. Each item comprises four responses (answers). You will select the response which you want to mark on the Answer Sheet. In case you feel that there is more than one correct response, mark the response which you consider the best. In any case, choose ONLY ONE response for each item.
- 5. You have to mark all your responses *ONLY* on the separate Answer Sheet provided. See directions in the Answer Sheet.
- 6. All items carry equal marks.
- 7. Before you proceed to mark in the Answer Sheet the response to various items in the Test Booklet, you have to fill in some particulars in the Answer Sheet as per instructions sent to you with your Admission Certificate.
- 8. After you have completed filling in all your responses on the Answer Sheet and the examination has concluded, you should hand over to the Invigilator only the Answer Sheet. You are permitted to take away with you the Test Booklet.
- 9. Sheets for rough work are appended in the Test Booklet at the end.
- 10. Penalty for wrong answers:

THERE WILL BE PENALTY FOR WRONG ANSWERS MARKED BY A CANDIDATE IN THE OBJECTIVE TYPE QUESTION PAPERS.

- (i) There are four alternatives for the answer to every question. For each question for which a wrong answer has been given by the candidate, one-third (0.33) of the marks assigned to that question will be deducted as penalty.
- (ii) If a candidate gives more than one answer, it will be treated as a wrong answer even if one of the given answers happens to be correct and there will be same penalty as above to that question.
- (iii) If a question is left blank, i.e., no answer is given by the candidate, there will be no penalty for that question.

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PART—A

SENTENCE IMPROVEMENT

Directions (For the following 10 items):

Look at the underlined part of each sentence. Below each sentence, three possible substitutions for the underlined part are given. If one of them (a), (b) or (c) is better than the underlined part, indicate your response on the Answer Sheet against the corresponding letter (a), (b) or (c). If none of the substitutions improves the sentence, indicate (d) as your response on the Answer Sheet. Thus a "No Improvement" response will be signified by the letter (d).

- 1. The girl has passed the B.A. examination in 1972.
 - (a) the girl passed
 - (b) the girl had passed
 - (c) the girl was passed
 - (d) NO IMPROVEMENT
- 2. I hope you will <u>look me up</u> when you come to Delhi.
 - (a) look at me
 - (b) look me
 - (c) look upon me
 - (d) NO IMPROVEMENT
- 3. The clerk asked the peon that why has he come to the office so late.
 - (a) that why had he
 - (b) that why he had
 - (c) does not act
 - (d) NO IMPROVEMENT
- 4. They went to the cinema and has got back to their house at nine o'clock.
 - (a) returned
 - (b) turning back
 - (c) come back
 - (d) NO IMPROVEMENT
- 5. Which of the two boxes is more preferable?
 - (a) more preferred
 - (b) preferable
 - (c) better preferred
 - (d) NO IMPROVEMENT

- 6. I think he will ask for a raise into the salary very soon.
 - (a) for a raise in salary
 - (b) for the raise of salary
 - (c) for rising the salary
 - (d) NO IMPROVEMENT
- 7. I have been working in the same factory for the last twenty years now.
 - (a) will work
 - (b) shall be working
 - (c) worked
 - (d) NO IMPROVEMENT
- 8. I must confess that I am very bad in operating machines.
 - (a) on
 - (b) at
 - (c) for
 - (d) NO IMPROVEMENT
- 9. It was the hottest part of the year and also the <u>busy</u> in the office.
 - (a) busiest
 - (b) much busy
 - (c) the busiest
 - (d) NO IMPROVEMENT
- 10. I am afraid, I don't know his name.
 - (a) I fear
 - (b) I feel
 - (c) I imagine
 - (d) NO IMPROVEMENT

SPOTTING ERRORS

Directions (For the following 10 items):

Each question in this section has a sentence with three underlined parts labelled (a), (b) and (c). Read each sentence to find out whether there is any error in any underlined part and indicate your answer in the Answer Sheet against the corresponding letter i.e. (a) or (b) or (c). If you find no error, your answer should be indicated as (d).

CITO	i, your answer si	iodia oc maic	area as (a).				
11.	She inquired	whether (a)	anyone (b)	has seen he	er baby.	No error (d)	
12.	These are (a)	his conclu	sion remarks.	No error (d)			
13.	The shopkeeper	either offered		the goods (b)	or refun	d the money. (c)	No error (d)
14.	Churchill was (a)	one of the gr			error d)		
15.	We should keep (a)	such peo (b)	ple at an	it atm's length. (c)	<u>No er</u> (d)		
16.	He did not knowa	w as much a	s he claime	ed he knew. (c)	No er		
17.	That was very (a)	dangerous;	you might (b)	have been k (c)	illed.	No error (d)	
18.	I started early (a)	for the statio (b)	n lest I sho	ould not mis (c)		<u>No en</u> (d)	<u>rror</u>
19.	I wanted to see (a)	that wheth (b)	er they had	d actually rea		tes. No err (d)	
20.	They made him (a)	treasurer bec	ause they con	<u>sidered</u> <u>hir</u>	n as hone	st and efficient (c)	No error (d)
		FILLING TH	IE BLANKS	-SIMPLE	SENTEN	CES	
Eac Sele	ections (For the h of the following ect whichever wice on the Answ	ng sentences hord you consi	as a blank spa	ice and four ropriate for	words are the blank	e given after the space and inc	e sentence. licate your
21.	The completion been held strike. (a) off (b) up (c) on (d) over			within (a) s (b) f (c) f	ilot was _ n half an seriously Tatally Tatefully Vitally	hour.	red, he died

23.	His directions misled us, we did not know which road to take.	26.	"How dare you speak to me like that, you fellow!" shouted the officer.
	(a) complex		(a) impudent
	(b) obscure		(b) impeccable
	(c) mingled		(c) immutable
	(d) vague		(d) intricate
	*	. 27	Landanace any
24.	He was very friendly with the press and	,21.	I refused to his rudeness any longer.
	it really him even for what he did not achieve.		(a) put up
	(a) praised		(b) put up with
	(b) lionized		(c) put on
	(c) appreciated		(d) put out with
	(d) highlighted		(d) put out with
	(d) Inginighted	- 28	Let us our heads together to
25.	Anand was the sort of person who always		solve this difficult problem.
	looked on the side of life.		(a) join
	(a) clear		(v) bring
	(b) bright		(c) combine
	(c) broad		(d) put
•	(d) illuminated		-
	SYN	ÓNYM	IS .
Đir	ections (For the following 12 items):		•
Fac	h item in this section consists of a word in	n capita	al letters followed by four words or groups
of	words. Select the word or groups of words	s that i	is most similar in meaning to the word in
	ital letters.		
29.	LIVELY	32	. FOUL
	(a) active		(a) dirty
	(b) lethargic		(b) innocent
	(c) wearisome		(c) foolish
	(d) ugly		(d) unbecoming
30.	SACRED	33	. ABJECT
30.			(a) miserable
	(a) moral		(b) objective
	(b) holy (c) clean		(c) tortuous
	(d) truthful		(d) painful
	. ,	2/	ARDENT
31.	GRAVE	٦-	(a) eager
	(a) painful		(b) devoted
	(b) sad		(c) zealous
	(c) hopeless		(d) sincere
	(d) serious		
		4	(Contd.)

35. PREPOSTEROUS

- (a) unreasonable
- (b) improper
- (c) too early
- (d) arrogant

36. BLEMISH

- (a) evil
- (b) attraction
- (c) blot
- (d) virtue

37. IMPASSE

- (a) deadline
- (b) stalemate
- (c) standstill
- (d) status quo

38. ENHANCE

- (a) embellish
- (b) increase
- (c) create
- (d) reveal

39. EPHEMERAL

- (a) short-lived
- (b) immediate
- (c) stupendous
- (d) amazing

40. TRUDGE

- (a) prod slowly
- (b) walk wearily
- (c) trample easily
- (d) wade carelessly

ANTONYMS

Directions (For the following 11 items):

Each item in this section consists of a word in capital letters followed by four words or groups of words. Select the word or groups of words that is most nearly **opposite** in meaning to the word in capital letters.

41. LUKEWARM

- (a) enthusiastic
- (b) moderate
- (c) friendly
- (d) fervent

moderate

- 42. ASSET
 - (a) liability
 - (b) loss
 - (c) drag
 - (d) handicap

43. OBSCURITY

- (a) clarity
- (b) precision
- (c) certainty
- (d) specificity

44. AMUSED

- (a) frightened
- (b) jolted
- (c) astonished
- (d) saddened

45. LOGICAL

- (a) irrational
- (b) disorderly
- (c) inconsiderate
- (d) inconsistent

46. INDIGENOUS

- (a) perennial
- (b) heterogeneous
- (c) alien
- (d) foreign

47. STERN

- (a) passive
- (b) mild
- (c) forgiving
- (d) understanding

48. TRIVIAL

- (a) stupendous
- (b) momentous
- (c) great
- (d) significant

49. SHRINK

- (a) swell
- (b) flow
- (c) inflate
- (d) rush

50. DORMANT

- (a) flexible
- (b) active
- (c) hefty
- (d) adamant

51. ESTRANGEMENT

- (a) reunion
- (b) familiarity
- (c) gathering
- (d) meeting

COMPREHENSION

Directions (For the following 9 items):

In this section there are two short passages. Each passage is followed by questions based on the passage. Read each passage and answer the questions that follow.

PASSAGE—I

Jefferson believed in democracy because of his fearless belief in reason. He knew that reason was far from perfect, but he also knew that it was the best faculty we have. He knew that it was better than all the frightened and angry intolerances with which we fence off our own back-yards at the cost of injustice. Thought must be free. Discussion must be free. Reason must be free to range among the widest possibilities. Even the opinion we hate, and have reasons for believing wrong, we must leave free so that reason can operate on it, so that we advertise our belief in reason and demonstrate a faith unafraid of the consequences — because we know that the consequences will be right. Freedom is really not the aim and end of Jeffersonian democracy: freedom is the means by which democracy can rationally choose justice for all.

52. Jefferson believed in democracy because

- (a) he believed in fearlessness
- (b) he believed in freedom for all
- (c) he believed in reason
- (d) be believed that reason can act only in freedom

- 53. For Jefferson, reason was
 - (a) perfect and tolerant
 - (b) just and intolerant
 - (c) perfect and intolerant
 - (d) tolerant, though not perfect

54. A wrong opinion must be

- (a) demonstrated
- (b) hated
- (c) freely propagated
- (d) rationally examined

- 55. The aim of democracy is
 - (a) freedom
 - (b) discussion
 - (c) justice
 - (d) fearlessness

- 56. "Back-yards" refers to
 - (a) yards at the back of houses
 - (b) private prejudices
 - (c) fears
 - (d) angry intolerances

PASSAGE—II

I was quite happy in my new place, and if there was one thing that I missed, it must not be thought I was discontented; all who had to do with me were good, and I had a light airy stable and the best of food. What more could I want? Why, liberty! For three years and a half of my life I had had all the liberty I could wish for; but now, week after week, month after month, and no doubt year after year, I must stand up in a stable night and day except when I am wanted, and then I must be just as steady and quiet as any old horse who has worked for twenty years. Now, I am not complaining. I only mean to say that for a young fellow, full of strength and spirits, who has been used to some large field or plain, where he can fling up his head, and toss up his tail and gallop away at full speed, then round and back again with a snort to his companions— I say it is hard never to have a bit more liberty to do as you like.

- 57. Who is the speaker in this passage?
 - (a) A young stable boy in his new work place
 - (b) An old and discontented animal
 - (c) A young and energetic horse
 - (d) An old stable hand in new surroundings
- 58. Referring to his new surroundings, the speaker says that
 - (a) he has found peace and happiness
 - (b) he is quite happy there
 - (c) he does not care whether or not he is happy
 - (d) he is more or less happy

- 59. In his new surroundings, the speaker is denied
 - (a) the freedom to roam around at will
 - (b) the freedom to speak at will
 - (c) the freedom to see who he wills
 - (d) nothing
- 60. What is the over-all tone of the speaker?
 - (a) A complaining attitude
 - (b) Highly rebellious
 - (c) Wistful and longing
 - (d) Happy and carefree

PART—B

- 61. Among the following animals, the figures of which are found in the State Emblem of India?
 - (a) Bull, deer and eagle
 - (b) Deer and elephant
 - (c) Elephant, tiger and bull
 - (d) Horse and bull
- 62. The National Development Council is presided over by:
 - (a) The Prime Minister
 - (b) The Deputy Chairman of Planning Commission
 - (c) The Union Finance Minister
 - (d) The Union Minister of Planning
- 63. Athlete's Foot disease is caused by
 - (a) Bacterium
 - (b) Fungus
 - (c) Protozoan
 - (d) Virus
- 64. In the Constitution of India, "to renounce practices derogatory to the dignity of women" is:
 - (a) a Fundamental right
 - (b) a Fundamental duty
 - (c) a Directive Principle of State Policy
 - (d) None of the above
- 65. Zero Hour in the Parliament proceedings in India is:
 - (a) The time when the proceedings of the House are not recorded
 - (b) The time immediately after the Question Hour when any listed business is taken up
 - (c) The time reserved for the address by the President of India or any distinguished Guest of the State
 - (d) The time when no business is carried out

- 66. Excise Duty is a tax levied on:
 - (a) Commodities that are exported
 - (b) Commodities that are imported
 - (c) Both the exported and imported commodities
 - (d) Commodities that are produced and consumed within the country
- 67. Banking in India is controlled by:
 - (a) Reserve Bank of India
 - (b) Union Finance Commission
 - (c) Union Ministry of Finance
 - (d) Union Ministry of Commerce
- 68. Regarding Gram Sabha, which of the following statements is/are correct?
 - 1. Gram Sabha is a body consisting of all the adults residing in a village.
 - 2. A Gram Sabha may exercise such powers and perform such functions at the village level as the legislature at the State level.
 - 3. The sessions of Gram Sabha are chaired by a representative of District/Block Administration.

Select the correct answer using the codes given below:

- (a) 1 and 2 only
- (b) 2 only
- (c) 2 and 3 only
- (d) 1, 2 and 3
- 69. Which one of the following vitamins is most susceptible to deterioration by exposure to air?
 - (a) Vitamin A
 - (b) Vitamin C
 - (c) Vitamin D
 - (d) Vitamin E

- 70. Which one among the following is categorised as All India Service?
 - (a) Indian Audit and Accounts Service
 - (b) Indian Railway Service
 - (c) Indian Forest Service
 - (d) Indian Economic Service
- 71. Under the law in India, the Right to Information is available to:
 - 1. The residents of India
 - 2. The citizens of India
 - 3. Non-resident Indians

Select the correct answer using the codes given below:

- (a) 1 only
- (b) 2 only
- (c) 1 and 3
- (d) 2 and 3
- 72. Consider the following:
 - 1. Cotton
 - 2. Silk
 - 3. Wool

Which of the above contains/contain nitrogen in its structure?

- (a) 1 only
- (b) 2 and 3 only
- (c) 3 only
- (d) 1, 2 and 3
- 73. Under which of the following conditions can the President of India proclaim Emergency?
 - 1. Failure of the constitutional machinery of the State
 - 2. Occurrence of large scale natural calamities or epidemics
 - 3. Threat to the financial stability of the country

Select the correct answer using the codes given below:

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

- 74. Which one of the following is not a part of small intestine?
 - (a) Caecum
 - (b) Duodenum
 - (c) Jejunum
 - (d) Ileum
- 75. If the drinking water supply pipeline is damaged and is contaminated with water from domestic sewerage, which one of the following diseases is most likely to occur after drinking such water?
 - (a) Meningitis
 - (b) Typhoid
 - (c) Tuberculosis
 - (d) Conjunctivitis
- 76. In human body, which one of the following synthesizes cholesterol?
 - (a) Liver
 - (b) Pancreas
 - (c) Spleen
 - (d) Skeletal muscle
- 77. In which one of the following animals do distinct black stripes extend from the inner corners of the eyes to the mouth?
 - (a) Cheetah
 - (b) Jaguar
 - (c) Leopard
 - (d) Panther
- 78. Consider the following:
 - 1. Folic acid
 - 2. Nicotinic acid
 - Pantothenic acid

Which of the above is/are vitamins?

- (a) 1 only
- (b) 1 and 2 only
- (c) 3 only
- (d) 1, 2 and 3
- 79. In the human body, the antibodies produced as a result of infection are actually:
 - (a) Sterols
 - (b) Proteins
 - (c) Glycolipids
 - (d) Carbohydrates

80. Consider the following pairs:

Ape Natural habitat

- 1. Orang-utan Malaysia
- 2. Mountain Gorilla Rwanda
- 3. Chimpanzee Morocco Which of the above pairs is/are correctly

Which of the above pairs is/are correctly matched?

- (a) 1 only
- (b) I and 2 only
- (c) 2 and 3 only
- (d) 1, 2 and 3
- 81. If a State administration takes adequate measures to kill the larvae and adult mosquitoes, the following diseases are likely to decline in numbers except:
 - (a) Chikungunya
 - (b) Filaria
 - (c) Japanese encephalitis
 - (d) Kalazar
- 82. A geographical region has the following climatic characteristics:
 - 1. Uniformity of temperature throughout the year.
 - 2. Rainfall throughout the year with two periods of maximum occurrence.
 - 3. Least rainfall at June and December solstices.

Which one of the following climates corresponds to the above characteristics?

- (a) Equatorial
- (b) Mediterranean
- (c) China type
- (d) Tropical monsoon
- 83. Consider the following:
 - 1. Camphor
 - 2. Chicory
 - 3. Vanilla

Which of the above is/are plant products?

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

- 84. Which one of the following is a reason for conducting a thorough research at present on mitochondrial DNA?
 - (a) To understand certain hereditary diseases that are transmitted exclusively from mother to offspring
 - (b) To understand the mechanism of transmission of respiratory diseases inherited from parents
 - (c) To understand the diseases caused by life style
 - (d) To understand certain diseases inherited exclusively from paternal side
- 85. With reference to atmospheric pressure, consider the following statements:
 - 1. Atmospheric pressure decreases towards poles.
 - 2. High pressure is experienced over continents during winter.
 - 3. All deserts experience low pressure throughout the year.

Which of the statements given above is/ are correct?

- (a) 1 only.
- (b) 2 and 3 only
- (c) 2 only
- (d) None
- 86. If the Earth does not incline on its own axis:
 - (a) All the seasons would have been of same duration.
 - (b) The seasons would not have changed.
 - (c) The summers would have been of longer duration.
 - (d) The winters would have been of longer duration.

87.	Which one of the following States has				
•	the broadest continental shelf that extends				
	to more than 100 km. from the shore?				
	(a) Andhra Pradesh				
	(i) (i)				

- (b) Gujarat
- (c) Kerala
- (d) Tamil Nadu
- 88. The climate of India is mainly tropical. because of the:
 - (a) Seasonal influence of jet streams.
 - (b) Location of the Himalayas in its north.
 - (c) Over-powering influence of Indian Ocean.
 - (d) Country being a part of Asian landmass.
- 89. Asiatic wild ass is naturally found in:
 - (a) Rann of Kutch
 - (b) Baghelkhand
 - (c) Sunderbans
 - (d) Shivaliks

ľ

90. Match List-I with List-II and select the correct answer using the codes given below the lists:

List-I	List-II	
(Power plants)	(States)	

- A. Balimela
- 1: Andhra Pradesh
- Kalinadi В.
- 2. Karnataka
- C. Koradi
- 3. Maharashtra
- Sileru D.
- 4. Orissa

Code:

	A	В	C	D
(a)	1	2	3	4
(b)	1	3	2	4

- (c) 4 2 3 1
- 3 2 (d) 4 1
- 91. On the packet of a packaged food product in India, which one of the following symbols is used to indicate that the food is vegetarian?
 - (a) A green square in a circle
 - (b) A green circular dot in a square
 - (c) A green plus mark
 - (d) A green leaf of a plant

- 92. Argemone oil is used to adulterate:
 - (a) Butter
 - (b) Coconut oil
 - (c) Diesel
 - (d) Mustard oil
- 93. Consider the following statements:
 - The Malwa region is drained by the tributaries of Sone river.
 - The Chotanagpur region is drained by the tributaries of Mahanadi river.

Which of the statements given above is/ are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2
- 94. Which light is strongly absorbed by the plants?
 - (a) Blue and Red
 - (b) Indigo and yellow
 - (c) Green and violet
 - (d) Orange and yellow
- 95. A type of food poisoning called botulism is caused by a bacterium due to a toxin produced by it. This toxin is extensively used:
 - (a) As anaesthetic agent during surgery
 - (b) In removing facial wrinkles
 - (c) In treating cancer
 - (d) In preventing bacterial infections
- 96. From the evolutionary point of view, which one of the following is closer to man?
 - (a) Dolphin
 - (b) Shark
 - (c) Tortoise
 - (d) Wolf

- 97. Which one among the following is the poorest source of vitamin A?
 - (a) Butter
 - (b) Fish
 - (c) Ripe mango
 - (d) Ripe papaya
- 98. A person sleeping in Leh with his head in the open and legs in the shade of a tree is liable to get sunstroke and frostbite at the same time. The reason for this is:
 - (a) Rarefied air
 - (b) Dry air
 - (c) Low temperature
 - (d) Low oxygen level
- 99. What is/are the use/uses of maize?
 - 1. It is used for the production of starch.
 - 2. It is used in the manufacture of poultry feed.
 - 3. It is used in producing bio-fuel.
 Select the correct answer using the codes given below:
 - (a) 1 only
 - (b) 2 and 3 only
 - (c) 3 only
 - (d) 1, 2 and 3
- 100. Which one of the following is not required for the formation of photochemical smog?
 - (a) Oxygen
 - (b) Oxides of nitrogen
 - (c) Carbon monoxide
 - (d) Sunlight
- 101. Which one among the following is the world's largest exporter of agricultural products?
 - (a) Brazil
 - (b) China
 - (c) India
 - (d) USA

- 102. The fuel of most widely used cryogenic engines consists of:
 - (a) Liquid hydrogen only
 - (b) Liquid oxygen only
 - (c) Liquid hydrogen as fuel and liquid oxygen as oxidizer
 - (d) 'Neither liquid hydrogen nor liquid' oxygen
- 103. The Strait of Malacca passes between:
 - (a) India and Myanmar
 - (b) Indonesia and Philippines
 - (c) Malaysia and Indonesia
 - (d) Philippines and Vietnam
- 104. Which one of the following is the most likely food through which mercury enters our bodies and accumulates as a toxin?
 - (a) Broiler
 - (b) Butter
 - (c) Fish
 - (d) Spinach
- 105. Which of the following rivers originates near Mahabaleshwar?
 - (a) Godavari
 - (b) Krishna
 - (c) Kaveri
 - (d) Tapti
- 106. Consider the following statements:
 - 1. Tropical rain forests are the only source of "lac".
 - 2. India is the largest producer of "lac" in the world.
 - 3. "Lac" is used in the manufacture of printing-ink, pharmaceuticals and dyes.

Which of the statements given above is/ are correct?

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

- 107. With reference to the demographic profile of India, which of the following statements is/are correct?
 - According to 2011 census, 82% of Indians are literate.
 - 2. Sex ratio of the population has increased during the period 2001-2011.
 - 3. The gender gap in literacy has not declined during the period 2001-2011.

Which of the statements given above is/ are correct?

- (a) 1 and 2
- (b) 2 only
- (c) 1 and 3
- (d) 3 only
- 108. The species of which of the following kinds of organisms is/are generally used as biofertilizers?
 - 1. Blue green algae
 - 2. Ferns
 - 3. Mosses

Select the correct answer using the codes given below:

- (a) l only
- $\overline{(b)}$ 2 and 3 only
- (c) 1 and 3 only
- (d) 1, 2 and 3
- 109. Pashmina shawl is made from the hair of:
 - (a) Sheep
 - (b) Goat
 - (c) Rabbit
 - (d) Yak

- 110. At the UN-sponsored climate conference in Cancun, delegates reached an agreement on a programme called "Reducing Emissions from Deforestation and Forest Degradation" popularly known as REDD. What is the basic idea of REDD?
 - (a) All the member countries of UN should impose a moratorium on cutting the forest trees for a period of ten years, while simultaneously pursuing afforestation programme.
 - (b) Rich countries to pay to preserve forests in poor countries, which can be cheaper than reducing their own carbon emissions.
 - (c) Countries with forested areas can claim carbon credits for not undertaking deforestation as per some formula developed by UNEP.
 - (d) All the member countries of UN should undertake afforestation in an area equal to the area in which deforestation is carried out by them for any unavoidable circumstances.
- 111. Which one of the following began with Dandi March?
 - (a) Home Rule Movement
 - (b) Non-Cooperation Movement
 - (c) Civil Disobedience Movement
 - (d) Quit India Movement
- 112. Among the following regions, which one receives comparatively lowest average rainfall from June to September?
 - (a) South West Bengal
 - (b) Eastern Uttar Pradesh
 - (c) Western Uttar Pradesh
 - (d) Punjab
- 113. Consider the following human activities:
 - 1. Agriculture
 - 2. Fisheries
 - 3. Animal husbandry

In the context of global warming, which of the above is/are considered as a source/ sources of greenhouse gases?

- (a) 1 only
- (b) 2 and 3
- (c) 1 and 3
- (d) None

- 114. With which of the following movements is the slogan "Do or die" associated?
 - (a) Swadeshi Movement
 - (b) Non-Cooperation Movement
 - (c) Civil Disobedience Movement
 - (d) Quit India Movement
- 115. With reference to the Security Council of United Nations, which of the following statements is/are correct?
 - 1. It has 15 members.
 - 2. The non-permanent members are elected by the General Assembly for a five-year period.
 - 3. Retiring members are not eligible for immediate re-election.

Select the correct answer using the codes given below:

- (a) 1 only
- (b) 2 and 3 only
- (c) 1 and 3 only
- (d) 1, 2 and 3
- 116. Why did Rabindranath Tagore renounce his knighthood?
 - (a) To protest against the Jallianwalla Bagh incident
 - (b) To protest against lathi charge on Lala Lajpat Rai that caused his death
 - (c) To express solidarity with the leaders of Non-Cooperation Movement
 - (d) To express solidarity with the protestors against the arrival of Simon Commission
- 117. Which one of the following States alone accounts for more than 80% of the country's resources of mineral gypsum?
 - (a) Andhra Pradesh
 - (b) Madhya Pradesh
 - (c) Rajasthan
 - (d) Uttarakhand

- 118. Cape Canaveral, the site of NASA's Kennedy Space Centre from where space shuttles are launched, is located on the coast of:
 - (a) California
 - (b) Florida
 - (c) North Carolina
 - (d) Virginia
- 119. Which of the following is/are the Maharatna Central Public Sector Enterprises?
 - National Thermal Power Corporation Ltd.
 - 2. Hindustan Fertilizers Corporation Ltd.
 - 3. Oil and Natural Gas Corporation Ltd.
 - 4. Steel Authority of India Ltd.

Select the correct answer using the codes given below:

- (a) 1 and 3 only
- (b) 2 and 4 only
- (c) 1, 2 and 4
- (d) 1, 3 and 4
- 120. In the context of Micro, Small and Medium Enterprises (MSME) sector in India, which among the following is/are the correct criteria for declaring an enterprise "Micro"?
 - 1. The investment in plant and machinery does not exceed Rs. 25 lakhs.
 - 2. The enterprise should fall in the category of manufacturing sector and not in service sector.

Select the correct answer using the codes given below:

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

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