

C.D.S.-I-2010

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T.B.C. : T-DETA-K-HL

Test Booklet Series

Serial No. 80745



TEST BOOKLET GENERAL KNOWLEDGE

Time Allowed : Two Hours

Maximum Marks : 100

I N S T R U C T I O N S

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). Each item is printed both in **Hindi** and **English**. 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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ध्यान दें : अनुदेशों का हिन्दी रूपान्तर इस पुस्तिका के पिछले पृष्ठ पर छपा है।

1. Prominent Indian social activist Deep Joshi was awarded the prestigious Ramon Magsaysay Award for the year 2009 for his

- (a) philanthropic work in the form of the Lok Biradari Prakalp amongst the Madia Gonds in Gadchiroli district of Maharashtra and the neighboring States of Andhra Pradesh and Madhya Pradesh
- (b) extensive work in applying wireless technologies to develop remote areas of the Himalayas
- (c) vision and leadership in bringing professionalism to the NGO movement in India
- (d) dedicated service for cancer patients and intensive research in the prevention and cure of the disease

2. Which one of the following statements about Gangubai Hangal, who died in July 2009, is **not** correct?

- (a) She was a Hindustani classical singer of *Kirana Gharana*
- (b) She was awarded Bharat Ratna in 2002
- (c) She was a campaigner to increase awareness for organ donation
- (d) She had the rare honour of being felicitated by nine Prime Ministers and five Presidents of India

3. Which one of the following statements about WADA (World Anti-Doping Agency) code is **not** correct?

- (a) The code is the core document that provides the framework for harmonized anti-doping policies, rules and regulations within sport organizations and among public authorities
- (b) The code entered into force from January 1, 2004
- (c) Under the code, the use of any prohibited substance by an athlete for medical reasons is not possible
- (d) Under the code, a sanction could be applied in cases where there is evidence that an anti-doping rule violation has occurred, but where there is no positive doping-control test

4. Consider the following statements about lawn tennis court :

- 1. Hard courts are faster than clay courts but not as fast as grass courts.
- 2. The French Open is played on a hard court, but the US Open is played on a clay court.
- 3. An approximate north/south orientation of the court is desirable during evening play.

Which of the statements given above is/are correct?

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

5. If a limestone piece is dipped in water, a bubble evolves. The bubbling is due to

- (a) hydrogen
- (b) oxygen
- (c) water vapor
- (d) carbon dioxide

6. Which one among the following Rajdhani trains covers the longest distance?

- (a) 2433 Chennai Central
- (b) 2431 Trivandrum Central
- (c) 2435 Dibrugarh Town
- (d) 2429 Bangalore City Junction

7. On which one of the following grounds, in August 2009, Scottish authorities released to return home Abdel Basset al-Megrahi, a former Libyan agent, jailed for life for the bombing of Pan Am Flight 103 on December 1988 that killed 270 people, most of whom were US nationals?

- (a) UN requested the Scottish authorities to release him
- (b) He was dying of cancer
- (c) Charges against him could not be established in the Scottish Court of Law
- (d) US granted pardon to him

8. Consider the following paragraph :

He was seriously injured in police lathi charge in Lahore during demonstrations against Simon Commission for which he subsequently died in November 1928. Later on the British officer, who was responsible for the lathi charge on him, was shot dead by Bhagat Singh and Rajguru.

The revolutionary referred to in the above paragraph is

- (a) Pandit Govind Ballabh Pant
- (b) Lala Lajpat Rai
- (c) Mangal Singh
- (d) Motilal Nehru

9. Which one of the following can be provided under RTI Act, 2005?

- (a) Information leading to incitement of an offense
- (b) Information leading to disclosure that may constitute contempt of court
- (c) Conditional disclosure relating to information on intellectual property
- (d) Information relating to Cabinet Papers recording deliberations of Council of Ministers

10. In the month of October 2009, the Indian Air Force in Mumbai airport forced a flight of North American Airlines Boeing 767 to land. Which of the following statements in this respect is/are correct?

1. It was forced to land, because the Indian Air Force was reported that there was a bomb planted in the plane.
2. The plane was travelling to Bangkok, Thailand from Fujiriah, United Arab Emirates.
3. The plane was carrying US troops.

Select the correct answer using the code given below :

Code :

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

11. Consider the following statements about Tata Steel :

1. It is Asia's first privately owned integrated iron and steel plant.
2. It is the first company outside Japan to get the Deming Application Prize in 2008 for excellence in total quality management.
3. Immediately after the enactment of Provident Fund Law in India, Tata Steel introduced provident fund for its employees.
4. It is the first company in the world to get Social Accountability 8000 certification from Social Accountability International, USA.

Which of the statements given above are correct?

- (a) 1 and 2 only
- (b) 2 and 3 only
- (c) 1, 2 and 3
- (d) 1 and 4

12. Consider the following statements about the Queen's Baton Relay :

1. The helix shape of the Baton for the 2010 Commonwealth Games, created out of aluminium, is coated with a graded and layered soil pattern in black, yellow and red to represent the diversity of Commonwealth nations.
2. This Relay traditionally begins with a commencement ceremony at Buckingham Palace, London, during which, the Queen entrusts the Baton containing her message to the athletes to the first honorary relay runner.
3. The Relay for the 1998 Games in Kuala Lumpur, Malaysia was the first to travel to other nations of the Commonwealth.

Which of the statements given above is/are correct?

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

13. Which one of the following crops' production has been exceeding target since 2004-2005 in India, but its growers have been committing suicide in large numbers in many parts of the country every year?

- (a) Pulse
- (b) Cotton
- (c) Oilseeds
- (d) Wheat

14. Consider the following statements :

1. The DRDO developed two variants of Prithvi Missile.
2. Prithvi II is equipped with features of maneuverability to deceive the enemy defence system.
3. Induction of Prithvi Missile enhances the capability of the Indian Army to attack multiple targets simultaneously.

Which of the statements given above is/are correct?

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

15. High Altitude Warfare School of the Indian Army is located at

- (a) Gulmarg
- (b) Siachin
- (c) Leh
- (d) Manali

16. Consider the following paragraph and identify the person referred to therein using the code given below :

"She joined the diplomatic corps in 1949 and became the first woman diplomat of India. She was the Ambassador to Hungary, Ghana and the Netherlands."

Code :

- (a) C. B. Muthamma
- (b) Nirupama Rao
- (c) Chokila Iyar
- (d) Meira Kumar

17. Consider the following features of a border district of India and identify the district using the code given below :

Situated at the height of 10000 feet, which is enchanted with scenic beauty, the district is surrounded by two nations in the north and south-west. River Nyamjang-chu runs through it. Potato, maize and millet are the main crops of the district. Besides monasteries, tourist attractions of the district and its surrounding places include Sella Pass, P. Tso. Lake, War Memorial, Jaswant Garh, etc. Losar is one of the prominent festivals of the district."

Code :

- (a) Lohit
- (b) Tawang
- (c) Kangra
- (d) West Sikkim

18. 'AVAHAN'—the Indian segment of Bill and Melinda Gates Foundation (BMGF) is engaged in the prevention of

- (a) dengue
- (b) polio
- (c) HIV/AIDS
- (d) filariasis

19. Consider the following paragraph and identify the person referred to in it :

A Nobel Laureate in Literature, she is a member of Romania's ethnic German minority who was prosecuted for her critical depictions of life 'behind the Iron Curtain'. She made her debut in 1982 with a collection of short stories entitled 'Niederungen', which depicted the harsh life in a small, German-speaking village in Romania. This book was censored by the Communist Government.

- (a) Doris Lessing
- (b) Günter Grass
- (c) Herta Mueller
- (d) Imre Kertesz

20. Which of the following pairs are correctly matched?

- 1. Carlos Ghosn : Nissan Motor Company
- 2. Bill Green : Accenture
- 3. Carol Bartz : Yahoo
- 4. Andy Bond : Vodafone

Select the correct answer using the code given below :

Code :

- (a) 1 and 4
- (b) 1 and 3 only
- (c) 2 and 4
- (d) 1, 2 and 3

21. Which one of the following Public Sector banks' emblem figures a dog and the words 'faithful, friendly' in it?

- (a) Punjab National Bank
- (b) Syndicate Bank
- (c) Oriental Bank of Commerce
- (d) State Bank of India

22. Which one of the following countries' central bank has procured 200 metric tons of gold from the IMF in October 2009?

- (a) China
- (b) Sri Lanka
- (c) Singapore
- (d) India

- 23.** Match List-I with List-II and select the correct answer using the code given below the Lists :

<i>List-I</i> (Name of warhead)	<i>List-II</i> (Type)
A. Teja	1. Air-to-air missile
B. Arjun	2. Ship-based missile
C. Dhanus	3. Main battle tank
D. Astra	4. Light combat aircraft

Code :

(a) A B C D
4 3 2 1

(b) A B C D
1 2 3 4

(c) A B C D
4 2 3 1

(d) A B C D
1 3 2 4

- 24.** Piramal Life Science is a/an

- (a) life insurance company
- (b) drug research company
- (c) SEZ (Special Economic Zone)
- (d) PSU dealing with healthcare amenities

- 25.** Launched recently by the Central Board of Excise and Customs, 'ACES' is a

- (a) new centralized, web-based software application of the Board
- (b) service desk division of the Board for collection of service taxes
- (c) new division of the Board for disseminating information about the direct tax structure in force
- (d) new form of service tax return

- 26.** Which one of the following States has won the overall championship title in the 63rd National Aquatic Championship held in Kerala in 2009?

- (a) Kerala
- (b) Karnataka
- (c) Assam
- (d) West Bengal

- 27.** In the assembly polls that took place in three States in October 2009, the Indian National Congress got absolute majority in

- (a) all the three States of Maharashtra, Haryana and Arunachal Pradesh
- (b) Maharashtra and Arunachal Pradesh only
- (c) Haryana and Maharashtra only
- (d) Arunachal Pradesh only

28. Which one of the following is **not** an issue straining Indo-China relations?
- (a) Construction of a dam across the river Brahmaputra in Tibet
 - (b) Visit of Dalai Lama to Arunachal Pradesh
 - (c) Stapling of Chinese visa for the people of Jammu and Kashmir
 - (d) Linking Kashmir valley with the Indian Railways Network
29. Which one of the following States has seen a series of strong public protests against the Armed Forces Special Powers Act in force in that State?
- (a) Nagaland
 - (b) Manipur
 - (c) Jammu and Kashmir
 - (d) Jharkhand
30. Venkatraman Ramakrishnan has been jointly awarded the 2009 Nobel Prize in Chemistry for his contributions in
- (a) identifying the molecular ruler in ribosomal assembly which ensures error-free synthesis of protein in cells
 - (b) synthesizing a group of life-saving antibiotics
 - (c) the work on green fluorescent protein of jellyfish
 - (d) successfully crystallizing the large subunits of ribosome in cells
31. An underwater meeting held recently has drawn attention world over. The meeting was held by
- (a) some Somali pirates to make a new strategy for capturing ships for ransom
 - (b) some environmental scientists for promoting awareness for saving water
 - (c) some environmental activists for promoting awareness against air pollution
 - (d) the Cabinet of a country to highlight the threat of rising sea level for the country
32. Which Asian team will be out of the next FIFA Football World Cup for the first time after a gap of 20 years?
- (a) Saudi Arabia
 - (b) South Korea
 - (c) Japan
 - (d) Iran
33. Which one of the following is **not** a football tournament?
- (a) I-League
 - (b) Irani Trophy
 - (c) Bardoloi Trophy
 - (d) Durand Cup

34. Consider the following paragraph and identify the person referred to therein with the help of the code given below :

After training under Ustad Abdul Rehman Khan of Patiala Gharana, he turned to Ustad Ghulam Mustafa Khan. 'Memories come Alive' is his autobiography. He was awarded Dada Saheb Phalke Award.

Code :

- (a) S. D. Burman
- (b) Bhupen Hazarika
- (c) Manna Dey
- (d) Bhimsen Joshi

35. Which one of the following is the central theme of the Chipko Movement, started by Sunderlal Bahuguna in 1973?

- (a) Conservation of river water
- (b) Protection of birds
- (c) Protection of cheetahs
- (d) Conservation of forests

36. Which one of the following is the solitary aircraft carrier of the Indian Navy that turns 50 in 2009 and has the distinction of being the oldest floating airfield in service?

- (a) INS Viraat
- (b) INS Trishul
- (c) INS Godavari
- (d) INS Vikramaditya

37. In the year 2009, Japan launched its first satellite to monitor greenhouse gases. What is the name of the satellite?

- (a) Tadami
- (b) Yasushi
- (c) Kyoto
- (d) Ibuki

38. Which one of the following pairs with respect to computer is **not** correctly matched?

- (a) 1 megabyte :
(1024) × (1024) bytes

- (b) Compiler :

A program which translates a high-level language program into machine language

- (c) Liveware :

The users working on the system

- (d) Plotter :

An electronic device used to convert digital electronic signals to communication channel electronic signals and vice versa

39. Who among the following were jointly awarded the Rajiv Gandhi Khel Ratna Award for the year 2008?

- (a) M. C. Marykom, Vijender Singh, Sushil Kumar
- (b) M. C. Marykom, Vijender Singh, Saina Nehwal
- (c) Vijender Singh, Sushil Kumar, R. S. Rathore
- (d) M. C. Marykom, Sushil Kumar, R. S. Rathore

40. If the earth did **not** have an atmosphere, temperature extremes between day and night would

- (a) increase
- (b) decrease
- (c) stay the same
- (d) fluctuate rapidly

41. Which one of the following statements on biosphere reserves is **not** correct?

- (a) In 1973, UNESCO launched a worldwide programme on man and biosphere
- (b) Biosphere reserves promote research on ecological conservation
- (c) Nanda Devi Biosphere Reserve is located in Madhya Pradesh
- (d) Biosphere reserves are multi-purpose protected areas to preserve the genetic diversity in ecosystems

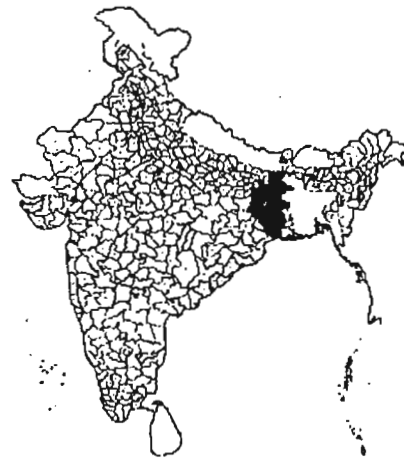
42. Which one of the following statements is **not** correct regarding the Himalayas?

- (a) Himalayas have nappe and recumbent folds
- (b) Himalayas rose up from the Tethys Sea
- (c) Himalayas contain three mountain ranges—Siwaliks, Great Himalayas and Kunlun Ranges
- (d) The orogeny took place in the Tertiary Era

43. Which one of the following is **not** associated with monsoon climate in India?

- (a) El Niño temporary warm currents
- (b) South-equatorial warm currents of Indian Ocean
- (c) Western disturbances
- (d) Cyclones of Bay of Bengal

44.



On the above map of India, the shaded districts are those in which a particular tribal group constitutes more than 50% of the tribal population. What is that particular tribal group?

- (a) Gonds
- (b) Bhil
- (c) Nagas
- (d) Santhals

45. Which one of the following places is **not** located on the bank of river Ganga?

- (a) Uttarkashi
- (b) Kanpur
- (c) Fatehpur
- (d) Bhagalpur

46. Which is the correct arrangement of the following rivers from north to south?

- (a) Godavari, Penner, Kaveri, Periyar
- (b) Penner, Godavari, Periyar, Kaveri
- (c) Godavari, Kaveri, Penner, Periyar
- (d) Kaveri, Godavari, Periyar, Penner

47. The time at Cairo is 2 hours ahead of Greenwich. Hence, it is located at

- (a) 30° W longitude
- (b) 30° E longitude
- (c) 28° E longitude
- (d) 28° W longitude

48. Bolivar is the monetary unit of

- (a) Venezuela
- (b) Brazil
- (c) Bolivia
- (d) Belarus

49. Match List-I with List-II and select the correct answer using the code given below the Lists :

List-I
(Sphere of the earth)

List-II
(Main constituent of the sphere)

- | | |
|----------------|---------------------|
| A. Lithosphere | 1. Living objects |
| B. Hydrosphere | 2. Mixture of gases |
| C. Atmosphere | 3. Water |
| D. Biosphere | 4. Soil |

Code :

- (a) A B C D
1 2 3 4
- (b) A B C D
4 2 3 1
- (c) A B C D
1 3 2 4
- (d) A B C D
4 3 2 1

50. Which of the following seas are enclosed?

- 1. Andaman Sea
- 2. Aral Sea
- 3. Sea of Azov
- 4. Bering Sea

Select the correct answer using the code given below :

Code :

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

51. An earthquake epicentre is the

- (a) point where the seismograph is located
- (b) point within the earth where the movement along the fault occurs
- (c) approximate centre of a group of related earthquakes
- (d) point on the surface directly above where the rupture along the fault zone occurs

52. The concept of sustainable development relates to

- (a) consumption levels
- (b) exhaustible resources
- (c) social equity
- (d) intergenerational equity

53. The jet streams are

- (a) wind systems with a pronounced seasonal reverse at a direction
- (b) winds blowing from the subtropical high-pressure belts towards the subpolar low-pressure belts
- (c) narrow meandering bands of swift winds which blow in the midlatitudes near the tropopause and encircle the globe
- (d) winds blowing from the subpolar low-pressure belts towards the subtropical high-pressure belts

54. If the movement of the earth's crust or a major climatic change makes an old stream young, it is called

- (a) consequent stream
- (b) rejuvenation
- (c) subsequent stream
- (d) aggradation

55. Tsunamis are **not** caused by

- (a) hurricanes
- (b) earthquakes
- (c) undersea landslides
- (d) volcanic eruptions

56. Which of the following statements with regard to rainfall in India is/are correct?

1. Most of the rainfall in India is due to the south-west monsoon.
2. In South India, rainfall decreases away from the Eastern Ghats.

Select the correct answer using the code given below :

Code :

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

57. Deltas are common in India for the east-flowing river systems, whereas they are nearly absent on the west coast, because west-flowing rivers

- (a) are few
- (b) have lesser water volume and carry less run-off silt
- (c) originate in dry areas
- (d) originate largely in the Western Ghats and have a short distance to cover to the sea

58. Which one of the following projects of the NHPC (National Hydroelectric Power Corporation) has the largest power generation capacity (installed)?

- (a) Baira-Siul
- (b) Chamera-I
- (c) Loktak
- (d) Salal

59. Which one of the following trains/ railways passes through Germany, France, Austria, Hungary and Romania?

- (a) Trans-Siberian
- (b) Cape-Cairo
- (c) Orient Express
- (d) Union and Central Pacific

60. Which one of the following does **not** have a heavy water plant?

- (a) Narora
- (b) Sriharikota
- (c) Kakrapar
- (d) Kota

61. Bluetooth technology allows

- (a) wireless communication between equipments
- (b) signal transmission on mobile phones only
- (c) landline to mobile phone communication
- (d) satellite television communication

62. At high altitudes, pressure cooker is preferable for cooking, because the boiling point of water

- (a) reduces due to higher atmospheric pressure
- (b) reduces due to lower atmospheric pressure
- (c) increases due to reduced gravitational force
- (d) reduces due to increased ozone content in the atmosphere

63. The vitamin(s), which is/are generally excreted in urine, is/are

- (a) vitamin A
- (b) vitamin B
- (c) vitamin C
- (d) vitamins D and K

64. Which one among the following is a major source of sugar?

(a) Watermelon

(b) Beetroot

(c) Sugarcane

(d) Date

65. Itching due to insect bite is caused by

(a) formic acid

(b) acetic acid

(c) lactic acid

(d) maleic acid

66. If excess fertilizer is applied to a plant without water, the plant will

(a) be stunted in growth

(b) develop modifications

(c) die due to plasmolysis

(d) remain unaffected

67. Tips of leaves in grasses and common garden plants show water drops in early morning hours. This water accumulation is obtained from

(a) atmosphere

(b) stomata

(c) vascular bundles

(d) hydathodes

68. Which one of the following is **not** biodegradable?

(a) Woollen mat

(b) Silver foil

(c) Leather bag

(d) Jute basket

69. Which among the following elements is abundant on the lunar surface and holds the potential to put an end to the energy crisis of the earth?

(a) Helium-I

(b) Helium-II

(c) Helium-3

(d) Helium-4

70. The equipment SONAR is used to determine the

- (a) depth of the seabed
- (b) intensity of an earthquake
- (c) cruising altitude of an aircraft
- (d) speed of a moving object

71. A milkman puts banana leaf in milk jar, because banana leaf

- (a) gives a fresh flavour to milk
- (b) makes the milk acidic and resistant to yeast
- (c) makes the milk basic and resistant to yeast
- (d) increases the whiteness of milk

72. The coil in a heater is made of

- (a) nichrome
- (b) tungsten
- (c) copper
- (d) iron

73. Match List-I with List-II and select the correct answer using the code given below the Lists :

<i>List-I</i>	<i>List-II</i>
A. Wine	1. Barley
B. Beer	2. Sugarcane juice
C. Whisky	3. Grapes
D. Rum	4. Molasses

Code :

(a)	A	B	C	D
	2	1	4	3
(b)	A	B	C	D
	3	4	1	2
(c)	A	B	C	D
	3	1	4	2
(d)	A	B	C	D
	2	4	1	3

74. Which one of the following plants is popularly grown along the road for absorbing vehicular pollutants?

- (a) Nerium
- (b) Neem
- (c) Bougainvillea
- (d) Calotropis

75. Which one of the following is commonly used as a flavouring agent during the preparation of noodles?

- (a) Saffron
- (b) Cinnamon
- (c) Olive oil
- (d) Ajinomoto

76. A boy throws four stones of same shape, size and weight with equal speed at different initial angles with the horizontal line. If the angles are 15° , 30° , 45° and 60° , at which angle the stone will cover the maximum distance horizontally?

- (a) 15°
- (b) 30°
- (c) 45°
- (d) 60°

77. The cleaning of dirty clothes by soaps and detergents is due to a type of molecules called surfactants, which are present in soaps and detergents. The surfactant molecules remove the dirt by

- (a) making the cloth slippery
- (b) producing some gases between the dirt and the cloth
- (c) dissolving the dirt
- (d) forming some aggregates of themselves and take away the dirt in the core of the aggregates

78. The most familiar form of radiant energy in sunlight that causes tanning and sunburning of human skin, is called

- (a) ultraviolet radiation
- (b) visible radiation
- (c) infrared radiation
- (d) microwave radiation

79. The polymeric fibre used as a substitute for wool in making synthetic blankets, sweaters, etc., is

- (a) Nylon
- (b) Teflon
- (c) Orlon
- (d) Bakelite

80. Which one of the following plants is used for green manuring in India?

- (a) Wheat
- (b) Sunhemp
- (c) Cotton
- (d) Rice

81. Which among the following are the major reasons behind preferring Eucalyptus tree in the planned forestation process?

1. Plantation grows very fast.
2. Plantation makes the soil more fertile.
3. Wood from Eucalyptus tree is easily converted into pulp for paper industry.

Select the correct answer using the code given below :

Code :

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

82. Match List-I with List-II and select the correct answer using the code given below the Lists :

<i>List-I</i> (Alloy)	<i>List-II</i> (Constituent)
A. Solder	1. Iron and Carbon
B. Brass	2. Copper and Zinc
C. Bronze	3. Copper and Tin
D. Steel	4. Lead and Tin

Code :

(a) A B C D
1 2 3 4

(b) A B C D
4 2 3 1

(c) A B C D
1 3 2 4

(d) A B C D
4 3 2 1

83. Consider the following statements :

1. Iodine is necessary for the thyroid gland to make adrenaline.
2. Iodine deficiency leads to goiter in human beings.
3. Iodine is secreted by pancreas and helps in regulating cholesterol level.

Which of the statements given above is/are correct?

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

84. Consider the following statements :

1. A person with myopia can see distant objects distinctly but cannot see nearby objects clearly.
2. A person with hypermetropia cannot see distant objects clearly.
3. A person with presbyopia can see nearby objects without corrective glasses.

Which of the statements given above is/are **not** correct?

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

85. Match List-I with List-II and select the correct answer using the code given below the Lists :

<i>List-I</i> (Item)	<i>List-II</i> (Toxic substance)
A. CFL lamp	1. Nitrogen oxides
B. Automobile battery	2. Phthalates
C. Polymer	3. Lead
D. Diesel engine	4. Mercury

Code :

(a) A B C D
4 2 3 1

(b) A B C D
4 3 2 1

(c) A B C D
1 2 3 4

(d) A B C D
1 3 2 4

86. Some statements about the benefits of organic farming are given below. Indicate whether they are true or false using the code given below the statements :

1. It reduces CO₂ emission.
2. It does not lead to toxic effect.
3. It improves the water-retention capacity of the soil.

Code :

(a) 1 2 3
 False True False

(b) 1 2 3
 True False False

(c) 1 2 3
 False True True

(d) 1 2 3
 True True True

87. Which one of the following chemicals is commonly used by farmers to destroy weeds?

- (a) DDT
- (b) Malathion
- (c) Methyl bromide
- (d) 2,4-D

88. Consider the following statements :

1. Clear sky appears blue due to poor scattering of blue wavelength of visible light.
2. Red part of light shows more scattering than blue light in the atmosphere.
3. In the absence of atmosphere, there would be no scattering of light and sky will look black.

Which of the statements given above is/are correct?

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

89. Which one among the following plants **cannot** be multiplied by cuttings?

- (a) Rose
- (b) Bryophyllum
- (c) Banana
- (d) Marigold

90. Hair of a shaving brush cling together when the brush is removed from water due to

- (a) viscosity
- (b) surface tension
- (c) friction
- (d) elasticity

91. Consider the following statements with regard to Statutory Liquidity Ratio (SLR) :

1. To meet SLR, commercial banks can use cash only.
2. SLR is maintained by the banks with themselves.
3. SLR restricts the banks' leverage in pumping more money into the economy.

Which of the statements given above is/are correct?

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

92. Which of the following statements regarding the Fundamental Duties contained in the Constitution of India are correct?

1. Fundamental Duties can be enforced through writ jurisdiction.
2. Fundamental Duties have formed a part of the Constitution since its adoption.
3. Fundamental Duties became a part of the Constitution in accordance with the recommendations of the Swaran Singh Committee.
4. Fundamental Duties are applicable only to the citizens of India.

Select the correct answer using the code given below :

Code :

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

93. When Lord Mountbatten became the first Governor-General of India, who among the following became the Governor-General for Pakistan?

- (a) Lord Mountbatten
- (b) M. A. Jinnah
- (c) Liaquat Ali Khan
- (d) Shaukat Ali

94. 'Diarchy' was first introduced in India under

- (a) Morley-Minto Reforms
- (b) Montford Reforms
- (c) Simon Commission Plan
- (d) Government of India Act, 1935

95. The major thrust of Jawahar Rozgar Yojna (JRY) is on

- (a) removal of poverty among the Scheduled Castes in rural areas
- (b) creating additional wage employment opportunities in rural areas
- (c) creating employment opportunities in urban areas
- (d) providing training to rural youth for self-employment

96. Which of the following was/were the main feature(s) of the Government of India Act, 1919?

1. Introduction of separate electorates for Muslims
2. Devolution of legislative authority by the Centre to the Provinces
3. Expansion and reconstitution of Central and Provincial Legislatures

Select the correct answer using the code given below :

Code :

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

97. For which one of the following judgments of the Supreme Court of India, the Kesavananda Bharati vs State of India case is considered a landmark?

- (a) The religion cannot be mobilised for political ends
- (b) Abolishing untouchability from the country
- (c) The basic structures of the Constitution, as defined in the Preamble, cannot be changed
- (d) Right to life and liberty cannot be suspended under any circumstance

98. Who among the following Indian Prime Ministers resigned before facing a vote of no-confidence in the Lok Sabha?

- (a) Chandra Shekhar
- (b) Morarji Desai
- (c) Chaudhary Charan Singh
- (d) V. P. Singh

99. Which one of the following statements related to the Boston Tea Party of 16th December, 1773 during the American War of Independence is correct?

- (a) The revolutionaries stealthily entered into the ships and threw all the chests of tea into the water
- (b) The revolutionaries hosted a Tea Party in the honour of Charles Townshend, the British Chancellor of the Exchequer in order to place their grievances before him
- (c) It marked a celebration when Lord North, the successor of Townshend, repealed some of the duties imposed by Townshend
- (d) It was a protest against the Quebec Act

100. Consider the following statements :

- 1. The total elective membership of the Lok Sabha is distributed among the States on the basis of the population and the area of the State.
- 2. The 84th Amendment Act of the Constitution of India lifted the freeze on the delimitation of constituencies imposed by the 42nd Amendment.

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

101. Which one of the following is a Human Right as well as a Fundamental Right under the Constitution of India?

- (a) Right to information
- (b) Right to education
- (c) Right to work
- (d) Right to housing

102. Which one of the following Commissions/Committees was appointed by the British Government to investigate into the massacre in Jalianwalla Bagh?

- (a) Welby Commission
- (b) Hunter Committee
- (c) Simon Commission
- (d) Butler Committee

103. Consider the following statements and identify the person referred to therein with the help of the code given below :

During his stay in England, he endeavored to educate the British people about their responsibilities as rulers of India. He delivered speeches and published articles to support his opposition to the unjust and oppressive regime of the British Raj. In 1867, he helped to establish the East India Association of which he became the Honorary Secretary.

Code :

- (a) Pherozeshah Mehta
- (b) Mary Carpenter
- (c) Dadabhai Naoroji
- (d) Ananda Mohan Bose

104. Which two of the following plays did Kalidasa write before writing *Abhigyanashakuntalam*?

1. *Vikramorvaschiam*
2. *Malavikagnimitram*
3. *Swapnavasavadattam*
4. *Kadambari*

Select the correct answer using the code given below :

Code :

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

105. "Use of white marble, long legs and slender frames, human beings as central characters and prominence of kings, princess and palaces" were the characteristic features of which one of the following ancient art forms of India?

- (a) Amaravati School of Art
- (b) Gandhara School of Art
- (c) Mathura School of Art
- (d) Pahari School of Art

106. Who drafted the Constitution of Muslim League, 'The Green Book'?

- (a) Rahamat Ali
- (b) Muhammad Iqbal
- (c) Muhammad Ali Jinnah
- (d) Maulana Muhammad Ali Jauhar

107. 26th October, 1947 is an important date in the Indian history, because of

- (a) Maharaja Hari Singh's signing of Instrument of Accession
- (b) ceasefire with Pakistan
- (c) merger of Sind
- (d) declaration of war over India by Pakistan

108. The Nehru-Liaquat Pact between India and Pakistan was signed in 1950 to resolve the issue of

- (a) the protection of minorities
- (b) the accession of Princely States
- (c) the border disputes
- (d) the problem of refugees

109. Consider the following statements relating to the famous Muzaffarpur murders (1908) :

1. The bomb, which was hurled at the carriage of Mrs. Pringle and her daughter, was actually intended for Mr. Kingsford, the District Judge of Muzaffarpur.
2. The revolutionaries wanted to kill Mr. Kingsford, because he had inflicted severe punishments on Swadeshi activists.
3. Khudiram and Prafulla Chaki had to pay the penalty for their action by death.

Which of the statements given above is/are correct?

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

110. The 'Dual Government' recommended by Lord Clive provided that the

- (a) criminal justice would be left to the Nawabi officials, while civil and fiscal matters would be controlled by the Company
- (b) Company will look after fiscal matters and all the rest would be dealt by the Indian rulers
- (c) Indian rulers will deal with all the matters of administration under the supervision of a Company official
- (d) Indian rulers will be only titular heads and all the powers shall be directly dealt by the Company

111. After the death of Raja Rammohan Roy, the Brahmo Samaj split into two sections; the Brahmo Samaj of India and the Adi Brahmo Samaj. Who were the leaders of the two sections respectively?

- (a) Keshab Chandra Sen and Debendranath Tagore
- (b) Radhakanta Deb and Debendranath Tagore
- (c) Keshab Chandra Sen and Radhakanta Deb
- (d) Debendranath Tagore and Radhakanta Deb

112. Consider the following statements :

UNESCO's World Heritage mission is to

1. take over the management, maintenance and preservation of World Heritage sites.
2. encourage State parties to the Convention concerning the Protection of the World Cultural and Natural Heritage to nominate sites within their national territory for inclusion on the World Heritage List.
3. provide emergency assistance for World Heritage sites in immediate danger.

Which of the statements given above are correct?

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

113. Which one of the following statements regarding Harappan civilization is correct?

- (a) The standard Harappan seals were made of clay
- (b) The inhabitants of Harappa had neither knowledge of copper nor bronze
- (c) The Harappan civilization was rural-based
- (d) The inhabitants of Harappa grew and used cotton

114. Under which of the following conditions can citizenship be provided in India?

- 1. One should be born in India.
- 2. Either of whose parents was born in India.
- 3. Who has been ordinary resident of India for not less than five years.

Select the correct answer using the code given below :

Code :

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

115. Consider the following statements :

- 1. The current global economic crisis owes its genesis to the subprime crisis in the United States.
- 2. The Indian economy is showing a faster recovery from the economic crisis than its western counterparts.

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

116. Which one of the following inscriptions mentions Pulakesin II's military success against Harshavardhana?

- (a) Allahabad Pillar Inscription
- (b) Aihole Inscription
- (c) Damodarpur Copperplate Inscription
- (d) Bilsad Inscription

117. The Constitution (74th) Amendment Act mentions of the

- (a) composition of the National Development Council
- (b) structure of the Planning Commission of India
- (c) functions of the State Finance Commission
- (d) functions of the Kaveri Water Authority

Which of the statements given above is/are correct?

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

118. Which one of the following International Human Rights Instruments has been signed by India but **not** yet ratified?

- (a) Convention on the rights of the child
- (b) Convention on the elimination of all forms of discrimination against women
- (c) Convention on the political rights of women
- (d) Convention on the nationality of married women

120. Consider the following statements about Concordat :

1. It is an agreement between the Roman Catholic Church and the State.
2. The President of Brazil did not sign a Concordat during the Pope Benedict XVI's visit to Brazil in 2007.
3. Concordat of 2009 was signed between the Holy See and Portugal.

119. Consider the following statements :

1. The gross revenue from the telecom sector in India accounts for 3% of the GDP (2009).
2. Centre for Development of Telematics is better known as C-DOT.
3. The switch from digital technology to the analog system revolutionized telephony in India.

Which of the statements given above is/are correct?

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