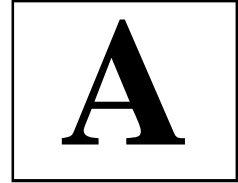

DO NOT OPEN THIS TEST BOOKLET UNTIL YOU ARE ASKED TO DO SO

T.B.C.: P-DTQ-M-DA[T-2]

Test Booklet Series

Serial No. GST-002



TEST BOOKLET

PAPER – I

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 100 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 this 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:
 - (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 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 questions.
 - (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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1. Consider the following statements about the attorney-General of India:
- To be appointed as the attorney-General of India, one must have been a judge of a High Court for 5 years or an advocate of a High Court for 10 years or an eminent jurist.
 - Attorney-General can take part in the proceeding of parliament including a joint sitting of the parliament without the Right to vote.
 - Attorney-General is not to go for private legal practices while discharging his functions as attorney-General of India.
- Which of the given statements is/are correct?
- (a) 1 only (b) 2 & 3 only
(c) 1 & 2 only (d) 1, 2 & 3 only
2. With respect to Merchant Banking consider on the following statements—
- It is a financial intermediaries between companies and investors.
 - It undertakes underwriting and manage public issues.
 - These are controlled and regulated only by SEBI.
- a) Only 1 b) 1 & 2
c) 1, 2 & 3 d) none of these
3. “Bharat Nirman” Scheme is one of the flag ship Schemes of the central govt. Its main objective is to extend basic and infrastructural facilities in rural area. It includes six Components, Which one of the following is not the part of this scheme
- (a) Housing (b) Education
(c) Irrigation (d) Telephone
4. Regarding the recent launch of RISAT-1, consider the following statements:
- It is a Defence based spy satellite
 - It will be used for Agriculture and disaster management
 - It was launched using GSLV
 - RISAT-2 was launched before RISAT-1
- Choose the correct option:
- (a) 1 and 3 only (b) 1,2,3 and 4
(c) 1,2 and 3 only (d) 2 and 4 only
5. Choose the incorrect option
- Kanishka I was a great Buddhist patron
 - The date of accession of Kanishka I to the throne is regarded as the start of Saka Era
 - Purushapura, modern Peshawar was the capital city of Kanishka where he built a huge stupa
 - Kanishka belonged to the Kushana dynasty of which, all the rulers professed Buddhist faith.
6. Consider following
- Dry tropical forest
 - Rain Shadow region
 - Frequent drought due to erratic rainfall
 - Over grazing and over harvesting of timber
- Above are the characteristics of the river basin of which the following states?
- (a) Gujrat and Rajasthan
(b) Karnataka and Andhra Pradesh
(c) Maharashtra and Karnataka
(d) Kerala and Tamilnadu
7. Consider the following statements regarding electromagnetic waves
- The Electromagnetic waves used in broadcast of Doordarshan are of such a frequency that they can be received beyond the line of sight easily using a simple metal rod
 - The Electromagnetic waves used in broadcast of Vividh Bharti sewa are of such a frequency that high and big antenna are required to receive their signals.
 - The Electromagnetic waves used in broadcast of HD DTH services are of such a frequency that big antenna and a specially designed satellite is required to convey their signals
- Which of the above is/ are correct?
- (a) 1 and 3 only (b) 1, 2 and 3
(c) Only 3 (d) 2 and 3 only
8. Select the correct match of the following schemes launched by the central govt. in the year of
- (a) Aapat Aahar yojana – 2001
(b) Midday Meal scheme – 1995
(c) Indira Aawas Yojana – 1985
(d) P M Gramoday Yojana – 2000
9. Consider the following statements regarding the inherent features of the **zero Base budget**—
- It is outlay –Centric
 - Target – oriented
 - Based on previous budget
- Select the **incorrect** statement using the following code.
- (a) 1 & 3 (b) 2 & 3
(c) 1 & 3 (d) All the above
10. Analyse the two statements given below:
- Cracking of Arctic ice releases methane which warms the atmosphere
 - Methane is a more potent greenhouse gas than CO₂

(3)

Choose the correct option:

- (a) Only 1 is correct (b) Only 2 is correct
(c) Both are correct (d) None of the above
- 11.** Recently the Reserve Bank of India directed Banks to Print MICR and IFSC code on the passbook . In regard to this choose the correct statement:
(1) MICR code is bank-specific
(2) IFSC code is Cheque- specific
Choose the correct option:
(a) Only 1 is correct (b) Only 2 is correct
(c) Both are correct (d) None of the above
- 12.** The parliamentary seat from which Aung San Suu Kyi was recently elected in Myanmar was?
(a) Yangon (b) Naypyidaw
(c) Kawhmu (d) Sittwe
- 13.** Consider the following two statements:
(1) Few Indo-Greek rulers practiced Hinduism
(2) Few Indo-Greek rulers practiced Buddhism
Which of the following is correct?
(a) Only 1 (b) Only 2
(c) Both 1 and 2 (d) Neither 1 or 2
- 14.** The Gupta period is known as the Golden Age because:
(1) There was a large growth in craft production and trade increased tremendously leading to huge inflow of gold
(2) Gupta Era was a period of classless society and caste system was absent.
(3) Gupta Era was marked by great achievements in science and academics
Which of the following is correct?
(a) Only 1 and 2 (b) Only 2
(c) Only 3 (d) Only 1
- 15.** Which of the following is correct with reference to Indian subcontinent cyclones
(a) Western Disturbances and Tropical Cyclones both are generated in the Arabian Sea.
(b) Western Disturbances are basically originated in Sea, While tropical cyclones are generated only in Bay of Bengal
(c) Western disturbances are generated in the mediterranean Sea but the tropical cyclones are generated in the Bay of Bengal & Arabian Sea.
(d) Both western disturbances and tropical Cyclones are generated in the Bay of Bengal Arabian Sea

16. Consider the following with regards to carbon nanotubes

1. It is structurally similar to Fullerene and it is formed of Graphene.
2. It can be used to treat major communicable diseases spread by viruses.
3. It is used in giving directions to ballistic missiles.
4. It helps in hydrogen fuel cell technology.
5. It is used in sewage treatment plants.

Which of the above is / are NOT correct

- (a) 1, 2, 3 and 5 (b) 2 and 3 only
(c) 2, 3 and 4 (d) All of the above are correct

17. Consider the followings regarding green nanotechnology

1. Green Nanotechnology also means using nanotechnology to make current manufacturing processes for non-nano materials and products more environmentally friendly.
2. It is directed towards productions of nano-filters to reduce atmospheric pollutions caused by industries
3. It is directed towards productions of nanotechnology-enabled fuel cells and light-emitting diodes (LEDs)
4. It is directed towards productions of nano-materials that help in eliminating many environment cleaning chemicals.

Which of the above is NOT correct?

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

18. Consider the following statements:

1. The estimate Committee has thirty members who are elected both from Lok Sabha and Rajya Sabha for a period of one year.
2. The Estimate committee has twenty two members elected only from the Lok Sabha in accordance with the System of proportional representation.
3. No Minister can be a member of either the Estimate committee or the public Accounts Committee.
4. The Estimate committee is charged with the detailed examination of the Budget Estimates and is in a powerful position to influence the activities of the Govt.

Select the correct answer from the codes given below.

- (a) 1 & 2 Only (b) 1, 2, & 3 Only
(c) 2, 3 & 4 Only (d) 3 & 4 Only

19. Programme Evaluation organization, is an Autonomous body working under the guidance of
 (a) Finance Commission
 (b) Planning Commission
 (c) National Sample & Survey Organization
 (d) Ministry of Rural Development
20. With reference to ‘Economic Development’ consider the following statements—
 1. Development is always positive
 2. Its absolute measure might be obtained.
 3. Its not a subjective concepts
 Select the correct answer with the help of following codes
 (a) Only 1 (b) 1 & 2
 (c) 2 & 3 (d) 1& 3
21. The Supreme Court of India on 12 April 2012 upheld the constitutional validity of the *Right to Education Act, 2009*, which mandates 25 per cent free seats to the poor in government and private unaided schools uniformly across the country.
 A minority institution *may* be exempt from this judgement because it would violate:
 (a) Article 21 (b) Article 30
 (c) Article 19(1) g (d) Article 19(1) c
22. Which one of the followings is not the proposal given by Tendulkar Committee regarding Poverty measurement?
 (a) Use of Purchasing power parity
 (b) Use of calorie – intake method
 (c) addition of six items of basic needs
 (d) Urban – poverty line should be adopted as national poverty line
23. In which of the following places a new centre of Buddhist cave on massive boulder is found out recently
 (a) Padum (b) Janskar
 (c) Amritsar (d) Rumtek
24. Read the description given below:
 It had the shape of a bowl turned upside down. At the top, which was a bit flat, used to be its harmika, i.e. the abode of the Gods. It was here that the urns containing the remains of a great personality connected with the religion was placed in a gold or silver casket. A wooden rod (Yashti) was placed in its’ middle and the bottom of the rod was fixed on the top . On the top of this rod were placed three small umbrella type discs symbolising respect, veneration and magnanimity
 What is being described here?
 (a) Chaitya (b) Stupa
 (c) Nagara Temple (d) Dravida Temple
25. A person sleeping in Leh with his legs open and head in 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
26. Consider the following with regard to onset of monsoon in India
 1. The monsoon is strenthened due to the winter radiations falling on Tibet plateau
 2. The monsoon is strengthen due to formation of anti-cyclonic currents above the Tibet plateau
 3. In winters there are western get streams above the tibet plateau which forms the North-East monsoon
 Which of the above is/are correct
 (a) Only 3 (b) Only 2 & 3
 (c) Only 2 (d) 1, 2 & 3
27. Consider the following satellites of India
 1. YOUTHSAT 2. STUDSAT
 3. GSAT-3 4. JUGNU
 5. PRATHAM
 Which of the above has a direct role in enhancing the educational sector of India?
 (a) 1, 2 and 3 (b) 3, 4 and 5
 (c) 2 and 3 only (d) 1 and 2 only
28. Consider the following
 1. Ganges shark 2. Himalayan wolf
 3. Assamese Macaque
 4. Nilgiri Monkey
 5. Kerala Rat 6. Kashmiri cave Bat
 Which of the above endangered species have origin in India?
 (a) 1, 4 and 5 (b) 2, 3 and 6
 (c) 1, 3 and 6 (d) 1, 3, 4 and 5
29. Which of the followings is covered under the the protection given by Biosphere reserves
 (a) It protects only the flora and fauna of any area
 (b) It also protects human communities of any area beside the flora and fauna
 (c) It also protects human communities and their cultures of any area beside the flora and fauna
 (d) It protects only the cultural traditions of any area beside the flora and fauna
30. Consider the following conservation sites
 1. Pulicat 2. Vikroli
 3. Coringa 4. Choondapur
 5. Pichavaram

(5)

Which of the above is/are the site of mangroove conservation?

- (a) 1, 3 and 5 (b) 1, 2, 3 and 5
(c) 1, 2, 3, 4 and 5 (d) 1, 2, 4 and 5

31. Consider the followings:

1. The national development council is to give guidelines for the formation of national plans.
2. The national development council is to suggest ways and means for improving the efficiency of administrative services
3. NDC is to ensure the fullest development of less advanced regions and sections of community.
4. NDC is to co-ordinate between the cabinet and the planning commission in order to take full cognisance of important economic issues which arise in ministries.

Which of the followings is/are correct with regard to the functions of national development council?

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

32. "Effective Revenue Deficit" is a new concept under the fiscal system of the govt. as announced in Budget 2012-13, is closely related to which one of the following statements.

- (a) it is obtained by adding Revenue Deficit with Capital Deficit
(b) it is equal to difference of revenue receipt and revenue expenditure
(c) it is the difference of revenue deficit and grant to the creation of capital asset.
(d) it is the total grant to the creation of capital asset and revenue expenditure

33. According to Okun's Law of Unemployment which one of the followign statement is correct—

1. There is inverse relationship between the rate of unemployment and the rate of GDP.
2. If there is 3% rise in the growth rate of GDP there might be 1% fall in the rate of unemployment

Which one of the following options is correct—

- (a) Only 1 (b) Only 2
(c) Both 1 & 2 (d) None of these

34. Which the following, would lead a country to its ratings downgrade by the Rating Agencies?

- (1) High Fiscal Deficit
- (2) High Current Account Deficit
- (3) Weak Stock Market

Choose the correct option:

- (a) 1 and 2 only (b) 1 and 3 only
(c) All of the above (d) None of the above

35. India registered Highest Ever Trade Deficit of \$184.9 billion in 2011-12. Which of the following sectors have NOT contributed to deficit trade?

- (1) Drugs and Pharmaceuticals
- (2) Fertilizers
- (3) Gold and silver (4) Machinery

Choose the correct answer:

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

36. From which of the following sources does the Speakers of the Lok - Sabha derive his powers & duties?

1. Constitutions of India
2. Rules of Procedure and conduct of Business in the Lok Sabha.
3. Parlimentary Conventions

Select the correct answer from the codes given below:

- (a) 1 & 2 Only (b) 1 & 3 Only
(c) 1 Only (d) 1,2, & 3

37. Consider the following statements about the consolidated fund of India:

1. Loans raised by issue of Treasury prills, internal & external loans, and repayment of loans are made from the consolidated fund of India.
2. Revenues received from imposition or regulation of any Tax form a part of the consolidated Gund of India.
3. Salaries of the Prime Minister & Other Ministers are charged on the consolidated Fund of India.

Select the correct answer from the codes given below:

- (a) 1 Only (b) 1 & 3
(c) 2 & 3 (d) 1,2, & 3

38. Some names of companies and their CEO or Founder or Owner is given below. Select one of them which is **not correctly** matched—

- a) Adani group –Geeta Adani
- b) WIPRO – Ajeem Premjee
- c) Future group – Kishor Biyani
- d) VIDEOCON — V. G. Dhut

39. The recently passed Copyright (Amendment) Act 2011 stipulates:

- (1) It is mandatory for radio and television broadcasters to pay royalty to the owners of the copyright each time a work of art is broadcast.
- (2) The bill exempts work, prepared for the physically challenged in special formats such as Braille, from copyright.

Choose the correct option:

- (a) Only 1 is correct (b) Only 2 is correct
(c) Both are correct (d) None of the above

40. With regard to Competition Commission of India(CCI), which of the following points is/ are correct:
- (1) It is a constitutional body
 - (2) It is responsible for enforcing The Competition Act (Amendment)2002
 - (3) Mergers and Acquisitions are regulated by CCI
 - (4) CCI has the power to fine the guilty parties for abuse of dominant position

Choose the correct option:

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

41. Consider the following options:

- (1) With the coming of Indo Greeks, trade increased tremendously.
- (2) Cultural enrichment took place during Indo Greek interaction and lot of Roman and Greek influence could be seen in art forms.
- (3) A paucity of gold coins can be deduced from this era

Which of the following is correct?

- (a) Only 1and 2 (b) Only2
(c) All of the above (d) None of the above

42. Electromagnetic waves used in LASIK eye surgery will have a frequency band of which of the following?

- (a) 107MHZ (b) 109MHZ
(c) 1011MHZ (d) 1016MHZ

43. In which of the animals do distinct black stripes extend from inner corner of eyes to the mouth

- (a) Cheetah (b) Jaguar
(c) Leoperd (d) Panther

44. Pashmina wool is taken from which of the following

- (a) Goat (b) Sheep
(c) Yak (d) Rabbit

45. Consider the below given statements:

- (1) STUXNET, FLAME and DUQU are type of computer viruses
- (2) Unlike STUXNET, which was designed to sabotage an industrial process, *FLAME* was written purely for espionage

The correct option(s) are:

- (a) Only 1 (b) Both 1 and 2
(c) Only 2 (d) Neither

46. Which of the following statements. according to Supreme Court of India, regarding the Presidents Power under Article 356 are correct?

1. Presidents' Rule in a state cannot be imposed in a state without written report from the Governor.

2. If a state government works against secularism presidents rule can be imposed.
3. The state Assembly can be dissolved only after parliament approves central rule.
- (4) The power conferred by article 356 of the constitution upon the president was a conditioned power and not an absolute power.

Select the correct Answer from the codes given below:

- (a) 1 & 2 Only (b) 1,3,4 Only
(c) 2,3,4 Only (d) 1,2,3,4

47. Analyse the below given stipulations:

- (1) Every being could aspire to Buddhahood and could attain it-through various stages as Bodhisattva.
- (2) Belief in sunyata or void or non-reality of objects.
- (3) Belief in mantras.
- (4) Belief in numerous Buddhas and Bodhisattvas and the practice of worshiping gods and goddesses.

Choose the correct option:

- (a) 1,2 and 4 are characteristics of Mahayana Buddhism.
(b) 3,4 are characteristic of Hinayana Buddhism.
(c) 1,2,3 and 4 are characteristics of Mahayana Buddhism.
(d) 1,2,3 and 4 are are characteristic of Hinayana Buddhism.

48. The difference between Nagara , Dravida and Vesara temples was:

- (1) Architectural (Plan and Design)
- (2) Geographical
- (3) Material (Use of Raw material)

Which of the followings is correct?

- (a) Only 1 and 3 (b) Only 1 and 2
(c) Only 1 (d) All of the above

49. Consider the followign points regarding the soil of any part of India

1. Enriched with nitrogenous compounds
 2. Enriched with biological humus
 3. Deficient with phosphate
- such soil would be suitable for the cultivation of which of the followign Erope.

- (a) Sugarcane, Jute & Soyabean
(b) Wheat, Maize and cotton
(c) Cotton, chillies & coffee
(d) Rice, Jute and Wheat

50. Which of the followings was a consequence of Turkish Invasion of India?

- (1) It led to centralization of Power
- (2) It led to further Urbanization
- (3) It led to Introduction of Agricultural and Industrial Technology

Which of the following is correct?

- (a) All of the above
- (b) Only 3
- (c) Only 1 and 3
- (d) None of these

51. Consider the following:

1. Syntaxial bents of Himalyas
2. 8°N to 12°N latitudes
3. Western Jet streams
4. Easterlies wind arrents
5. Peninsular climate

Which of the above may be the season for low temperatures & snowfall in northern India?

- (a) 1, 2 and 5
- (b) 2, 3 and 4
- (c) 1, 2 and 3
- (d) 1, 2 and 4

52. Consider the following regarding LiDAR technology

- 1 This technology is valuable to farmers to achieve the highest crop yield(d)
- 2 This technology is valuable to police to measure the speed of vehicles for speed limit enforcement purposes.
- 3 This technology is useful in 3D imaging
- 4 Lidar can be used to increase the energy output from wind farms

Which of the above is correct?

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

53. Consider the following with regard to communication of signals

1. Increasing the height of transmitting antenna
2. Increasing the height of receiving antenna
3. Decreasing the height of transmitting antenna
4. Decreasing the height of receiving antenna

Which of the above will help in increasing the range of communication?

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

54. Match the following

Endangered species	Distribution in world
A. Bengal Bustard	1. Nepal
B. Eastern langur	2. Vietnam
C. Barasingha	3. China

Codes are :

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

55. Consider the following National Parks of India

1. Kanha National Park, Madhya Pradesh
2. Bhitarkanika National Park, Orissa
3. Betla National Park, Jharkhand
4. Sri Venkateshwara National Park, Andhra Pradesh

Which of the above National parks of India are the part of Project Tiger ?

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

56. Which of the followings is correct regarding “ NU-bots”

- (a) It is nano-robot working in control of neurons.
- (b) It is nano robot based on non conversational fuels
- (c) It is nano robot based on organic molecules
- (d) It is nano robot based on neutron dependent chain reactions

57. Consider the following statements:-

1. Money Bill like the finance Bill can be referred to a Joint committee of the House, if necessary.
2. A Bill is deemed to be Money Bill by reason only that provides for payment of fees for liceness or of fees for services rendered.
3. A constitution Amendment Bill which are governed by Article 368 can over-ride the provisions regarding Money Bill.

- (a) 1 Only
- (b) 2 & 3
- (c) 3 Only
- (d) 1 & 3

58. The ideas of ‘Consolidated Fund of India’ ‘contingency Fund of India’, and CAG of India are borrowed from which fo the following countries?

- (a) United States
- (b) Australia
- (c) Ireland
- (d) England

59. Select the Correct match from the given list of different commissions and its objective.

1. Brundtand Commission – Sustainable development
 2. Hilton Yong Commission – RBI
 3. Tendulkar Committee – Poverty
 4. 12th Finance commission – A.M. Khusru
- a) 1 & 2 only
 - b) 2 & 3 only
 - c) 1, 3, & 4 only
 - d) All the above.

60. Consider the following statements with respect to Capital of a company.
1. Authorised Capital could be equal to issue Capital
 2. Authorised Capital < Issue Capital
 3. Authorised Capital > Issue Capital
- Select the correct answer using the following code
- a) 1 & 2 b) 2 & 3
c) 1 & 3 d) none of these
61. With regard to Mercy Petitions in India consider the following points:
- (1) There power to pardon is granted to President under Article 72
 - (2) The president has *full* personal discretion in granting pardon
 - (3) Ministry of Home Affairs is not involved in the process
- Choose the correct option:
- (a) 1 and 2 only (b) 1 and 3 only
(c) 1 only (d) All of the above
62. With regards to the recently introduced IPv6, consider the following points
- (1) It had to be introduced because IPv4 was running out of addresses
 - (2) IPv6 uses 128 bit address while IPv4 used 32 bit addresses
 - (3) Introduction of IPv6 will lead to faster internet speeds
- Choose the correct option:
- (a) Only 1 is correct
(b) Only 1 and 2 are correct
(c) Only 1 and 3 are correct
(d) All of the above are correct
63. In which of the following fields recently died famous personality "Thilakan" was associated with
- (a) Film (b) Journalism
(c) Sports (d) Literature
64. Which of the below mentioned kings was a great patron of Nalanda University, had diplomatic relations with contemporary Chinese T'ang Empire and was chronicled by writer Banabhatta. Hiuent-sang visited the court of this king and described him as the ruler of Madhyadesa.
- (a) Samudragupta (b) Harshavardhana
(c) Pulakeshin II (d) Chandragupta
65. Consider the following differences between BluRay Disc and Mini BluRay disc
1. BluRay Disc is 120 mm in diameter and 1.2 mm in thickness while Mini BluRay disc is 80 mm in diameter and 1.2mm in thickness
 2. BluRay Disc can store upto 128 GB of data while Mini BluRay disc can store upto 20 GB of data
 3. Both BluRay Disc and Mini BluRay disc have a recordable and rewritable formats
- Which of the above is NOT correct?
- (a) Only 2 (b) Only 3
(c) 2 and 3 (d) 1 and 2
66. Which of the followings is national aquatic animal of India?
- (a) Ganges River Shark
(b) Irrawady River Dolphin
(c) Ganges River Dolphin
(d) Indus River Dolphin
67. Which of the following is correct regarding the site of conservation of **Olive Ridley Turtle** in orissa ?
- (a) It is conserved maximum in basin of rivers originating outside orissa
(b) It is conserved maximum in basin of rivers originating inside Orissa, but tributary to rivers which flow through other states
(c) It is conserved maximum in basin of rivers originating inside orissa
(d) It is conserved maximum in basin of rivers originating inside Orissa, but flow through other states
68. Consider the following
1. Increasing the rate of afforestation
 2. enhancing contour ploughing
 3. Extensive channelling of canals channeling
 4. Enhancing waste management schemes
 5. Decreasing the number of check dams
- Which of the above would be most suitably helpful in controlling floods in North and North-Eastern India
- (a) 1, 3 and 5 (b) 1, 2 and 3
(c) 1, 2 and 4 (d) All fo the above
69. In 1978, the Govt of India appointed the Minorities Commission with a view to Continuously looking into the problems of minorities and suggesting remedial mesures. The commission consists of :-
- (a) One Chairman and 4 members
(b) One Chairman & 5 members.
(c) One Chairman & 6 members.
(d) One Chairman & 3 members.
70. Find out the correct order of ratio of the state govt. sponsored bank and the central govt. in regional rural banks (RRBs) respectively
- a) 15% ; 35% ; 50% b) 35%; 15%; 50%
c) 50%; 35% ; 15% d) None of these.

71. Consider the following statements regarding **non banking financial Companies** —
1. Established under company Act.
 2. Regulated by Ministry of finance
 3. May receive deposit under a scheme
 4. Cannot issue cheque
- Select the correct statement using the following codes:-
- (a) Only 1,2 & 3 (b) Only 2,3 & 4
(c) Only 1, 3, & 4 (d) Only 1,2,& 4
72. Shale gas has been in the news recently. With regards to this consider the below given statements:
- (1) It is extracted using hydraulic fracking
 - (2) It has driven down gas prices worldwide
 - (3) Shale gas extraction in India is being carried on in a massive scale by HPCL and ONGC
- Choose the correct option:
- (a) 1 and 2 only (b) 1 and 3 only
(c) 1 only (d) All of the above
73. Which of the following is/are correct?
- (1) With the emergence of Bhakti in Brahmanism, Vedic gods like Indra and Varuna lost importance and deities like Vishnu and Siva gained significance
 - (2) New Brahmanism in Bhakti period assimilated in itself many local tribal deities and rituals
- Which of the following is correct?
- (a) Both 1 and 2 (b) Only 2
(c) Only 1 (d) None of the above
74. The climate of India is mainly tropical because of the following:
- (a) Seasonal influence of jet streams
 - (b) Location of Himalayas on the north
 - (c) Over powering influence of Indian ocean
 - (d) Country being part of Asian landmass
75. Consider the following regarding supercomputers
1. The processing unit of a supercomputer is measured in floating points operation per second
 2. The HP Cluster Platform 3000 in CMMACS Bangalore is the fastest supercomputer in India till December 2012
 3. The Titan supercomputer of United states is the fastest supercomputer in the world
- Which of the above is not correct?
- (a) Only 3 (b) Only 2
(c) 2 and 3 both
(d) All of the above are correct
76. Television technologies would work on which of the following frequency band of radio waves
- (a) 25-35 MHz (b) 35-45 MHz
(c) 45-55 MHz (d) 55-65 MHz
77. Which of the following Biosphere Reserves of India are the part UNESCO Man and the Biosphere (MAB) Programme ?
- (a) Achanakmar-Amarkantak Biosphere Reserve
 - (b) Agasthyamalai Biosphere Reserve
 - (c) Great Rann of Kutch Biosphere Reserve
 - (d) Manas Biosphere Reserve
78. According to article 280, which of the followings is NOT a function fo the Finance Commission
- (a) To recommend to the President the distribution of net proceeds of Taxes between the centr and the states.
 - (b) To suggest and recommend amounts to be paid to the states of Assam, Bihar, Orissa and West Bengal in lieu of the assignment of system of export duty on jute and jute products.
 - (c) To scrutinize the enactment of Legislation passed by the Parliament that govern the Grants-in -Aid of the revenues of the states out of the consolidated fund of India.
 - (d) Any other matter which may be referred to the commission by the president in the interest of sound finances.
79. In which of the followign Acts, the auditor-General received statutory recognition for the first time?
- (a) Govt of India Act 1919,
 - (b) Govt of India Act 1935,
 - (c) India council Act 1909,
 - (d) Indian Independence Act 1947
80. Fiscal deficit is equivalent to –
- (a) Public debt and other liabilities
 - (b) Difference of revenue deficit and capital deficit
 - (c) Total borrowings from RBI
 - (d) All the above
81. Consider the following two statements
- (1) Bhagvatism is analogous with Vaishnavism.
 - (2) During 1-2 Cent. A.D. there was stress on devotion in Brahmanism rather than performance of rituals.
- Which of the following is correct?
- (a) Both 1 and 2 (b) Only 2
(c) Only 1 (d) None of the above

- 82.** Consider the physical condition of following region in India
1. Average summer temperature range of 41-20° C
 2. Annual rainfall of 677 mm
 3. Red loamy soil
- Which of the following crops would be suitable for the climate?
- (a) Groundnut (b) Rice
(c) Bajra (d) Sessame
- 83.** Consider the following
1. In the context of 4G, IPv6 is essential to support a large number of wireless-enabled devices
 2. The major technological advancement in 4G is constant bit rate by assigning same sub-channels to different users based on the channel conditions
 3. It supports IEEE 802.20 standards
- Which of the above is correct?
- (a) 1 & 2 (b) 2 & 3
(c) Only 1 (d) 1, 2 and 3
- 84.** Consider the following
1. Khur
 2. Dhole
 3. Reechh
 4. Hangul
- Which of the above are threatened due to loss of habitat ?
- (a) 1 and 4 (b) 1, 2 and 4
(c) 2, 3 and 4 (d) 1 and 3
- 85.** Which of the following motions in parliamentary proceeding express lack of confidence in the govt.
1. Adyournment motion
 2. Clousre motion
 3. Policy cut Motion
 4. Privelage motion
- Select the correct answer—
- (a) 1 & 4 (b) 2 & 4
(c) 1, 3 & 4 (d) 1, 2, 3 & 4
- 86.** Consider the following statements:
1. Article 262 confers authority on the president to establish a body to adjudicate any dispute or complaint with respect to the use, distribution or control of the waters of any inter-state river.
 2. Article 263 specifies the establishment of an Inter-state council to enquire into and advise upon the disputes which may have arisen between states
- Which of the followings is/are correct?
- (a) 1 only (b) 2 only
(c) Both 1 & 2 (d) Neither 1 nor 2
- 87.** Great Himalayan National Park is the home for which of the following
- (a) Wild Yak (b) Chiru
(c) Musk Deer (d) Wild goat
- 88.** Consider the following regarding Quantum computers
1. Digital computers require data to be encoded into binary digits called as bits while quantum computers require data to be encoded into quaternary digits called qubits for computing.
 2. Both Digital and Quantum computers are based on magnetic properties of elementary part of any material.
 3. The Quantum computers could be helpful in understanding the superconductivity of materials at high temperatures.
- Which of the above is correct regarding Quantum computers?
- (a) 1, 2 and 3 (b) Only 3
(c) Only 2 and 3 (d) Only 1 and 3
- 89.** Consider the following statements:
1. The constitution provides that the administrative powers of the CAG will be prescribed by rules made by the president after consultation with the CAG.
 2. The parliament is empowered by constitution to provide service conditions to CAG and its staffs.
 3. As far as independence is concerned, the office of CAG is modelled on Supreme Court fo India.
- Select the correct answer from the codes given below:
- (a) 1 only (b) 1 & 2 only
(c) 2 & 3 only (d) 1, 2, 3 only
- 90.** Which of the following indices is /are not the part of UHDP's measurement mechanism regarding Human Development Repot
- (a) GDI & GEM (b) GDP & HPI
(c) GII (D) IHDI
- 91.** Name the place that was renamed as "Bhagat Singh chowk" in Lahore—
- (a) Shadman Chowk (b) Favad Chowk
(c) Nankana Chowk (d) None of these
- 92.** *Hangul* is naturally found in
- (a) Dachigam (b) Nokrek
(c) Nadampha (d) Khangchendzonga
- 93.** Which of the following was NOT a reason of defeat of Rajputs and Turkish Invasion of India?
- (a) Superior Military Technology of the Turks
(b) Lack of centralized power in India leading to a

- number of small divided kingdoms
- (c) Warlike character of Islamic invaders who were accustomed to wars in central Asia & Pacific and non martial outlook of Indian ruling class
- (d) Structural superiority of command of Turkish Army
- 94.** In which tune of the year "Cherry Blossom showers" are found in Kerala & Karnataka
- (a) Nov-Dec (b) Feb-March
- (c) April-May (d) Aug-Sep
- 95.** Consider the following mobile technologies
1. GPRS
 2. EDGE
 3. Wi-MAX
- Which of the above can be used in long distance internet communications at 2.4 GHz electromagnetic spectrum band?
- (a) 1,2 (b) Only 2
- (c) Only 3 (d) 1,2 and 3
- 96.** From the ecological and evolutionary point of view which one of the following endangered species of India is closer to man
- (a) Ganges Dolphin (b) Indian wild dog
- (c) Kashmiri Cave Bat (d) Olive ridley Turtle
- 97.** Which of the modern locations mentioned below qualifies to be within the direct influence of Gandhara School of Art at its peak?
- (a) Patna (b) Delhi
- (c) Peshawar (d) Kabul
- 98.** Which of the following plants is poisonous but helpful to humans in cardiac disorders
- (a) Nux Vomica (b) Sarpagandha
- (c) Pinus (d) Taxus
- 99.** In its originality, which of the followings is a characteristic of the IQTA system introduced by the Turks?
- (1) It was hereditary
 - (2) It was transferable
 - (3) It was a revenue assignment
- Which of the followings is correct?
- (a) All of the above (b) Only 3
- (c) Only 1 and 3 (d) Only 2 and 3
- 100.** *Kharaj, Charai and Gharis* refer to what in the Delhi Sultanate?
- (a) Revenues from land
- (b) Various types of taxes
- (c) Revenue collection officers
- (d) Various types of lands.

