



University of Engineering & Management, Kolkata

End Semester Examination, January, 2022

**Programme Name: B.Tech in CSE/CST/CSIT/CSBS/CSE(A.I.M.L)/ Semester: 3rd
CSE(I.O.T)/ME/EE/ECE/BT**

Course Name: Essential Studies for Professionals - III

Course Code: HSMC302

Full Marks: 100

Time: 3 Hours

Answer the following questions. Each question is of 1 marks

1. Which of the following Portuguese Governor in India who introduced the 'Policy of imperialism'?
A. Francisco de Almeida
B. John Mildenhall
C. Gerald Angier
D. Alfonso de Albuquerque

2. Which of the following Portuguese Governor in India who captured Goa from the ruler of Bijapur?
A. Francisco de Almeida
B. John Mildenhall
C. Gerald Angier
D. Alfonso de Albuquerque

3. Which Portuguese Governor was famous for "Blue water policy"?
A. Francisco de Almeida
B. John Mildenhall
C. Gerald Angier
D. Alfonso de Albuquerque

4. Which Portuguese Governor often regarded as real founder of Portuguese power in India?
A. Francisco de Almeida
B. John Mildenhall
C. Gerald Angier
D. Alfonso de Albuquerque

5. Which Portuguese Governor also known to have abolished the practice of Sati in Goa?
A. Francisco de Almeida
B. John Mildenhall
C. Gerald Angier
D. Alfonso de Albuquerque

6. Which European power started the printing press in India?
 - A. Portuguese
 - B. English
 - C. French
 - D. Dutch
7. When and by whom were the Portuguese driven out of Hugli in Bengal?
 - A. 1625 - Shaista Khan
 - B. 1631 - Qasim Khan
 - C. 1650 - Prince Murad
 - D. 1666 - Prince Shuja
8. Who among the following British explorer and adventurer and one of the first to make an overland journey to India?
 - A. Francis Dey
 - B. John Mildenhall
 - C. Gerald Angier
 - D. Captain Hawkins
9. In which place the first factory of British East India Company was built?
 - A. Masulipatnam
 - B. Nagapatnam
 - C. Surat
 - D. Bombay
10. Who among the following European forced to sell all their settlements in India to the British?
 - A. Dutch
 - B. Portuguese
 - C. Danish
 - D. French
11. Battle of Bedera was fought between which two European power?
 - A. British and Dutch
 - B. British and French
 - C. French and Dutch
 - D. None
12. Which was the first European power to start joint stock company to trade with India?
 - A. Portuguese
 - B. Dutch
 - C. French
 - D. Danish
13. Who was the first Englishman who came in India via sea route?
 - A. Francis Dey
 - B. John Mildenhall
 - C. Gerald Angier
 - D. Captain William Hawkins

14. William Hawkins sailed to India from a ship named?
 - A. Hector
 - B. Vector
 - C. Armada
 - D. Gambrel
15. Who among the following English officials defeated the Portuguese at Sawley?
 - A. William Hawkins
 - B. Thomas Best
 - C. Thomas Roe
 - D. Josiah Child
16. Who was the ruler of English at the time of the formation of the East India company?
 - A. Charles I
 - B. Elizabeth I
 - C. James I
 - D. James II
17. Bombay was taken over by the English East India company from?
 - A. Portuguese
 - B. Dutch
 - C. French
 - D. Danish
18. Which English governor of East India Company in India was expelled by Aurangzeb?
 - A. Aungier
 - B. Sir John child
 - C. Sir John Gayer
 - D. Sir Nicholas Waite
19. In Bengal, the headquarters of East India Company were located at
 - A. Fort St. David
 - B. Fort William
 - C. Fort St. George
 - D. None of these
20. Carnatic war was fought between:
 - A. English and French
 - B. English and Dutch
 - C. English and Marathas
 - D. English and Danish
21. French East India company was constituted during the reign of:
 - A. Louis XIV
 - B. Louis XV
 - C. Louis XIII
 - D. Louis XVI

22. Who among the following is considered the founder of French company in India:
A. Mazarin
B. Franco Martin
C. Colbert
D. Richelieu
23. The French failed to establish their power in the Decan because:
A. Dupleix was not a capable General
B. The English had a strong army
C. The French were not liked by the Indians
D. Pondicherry was not a strategic center.
24. Which Carnatic war ended with the treaty of “Aix- La Chapelle”?
A. 1st Carnatic War
B. 2nd Carnatic war
C. 3rd Carnatic War
D. 4th Carnatic War
25. The Battle of Wandiwash (1760-61) was fought between whom?
A. English and French
B. English and Dutch
C. English and Marathas
D. English and Danish
26. When you travel certain parts of India, you will notice red soil. What is the main reason for this colour?
A. Abundance of Magnesium
B. Accumulated humus
C. Presence of ferric oxide
D. Abundance of phosphate
27. Which type of soil mainly deposited by river?
A. Black soil
B. Lateritic soil
C. Alluvial Soil
D. Red soil
28. The alluvial soil is lacked with which mineral?
A. Nitrogen
B. Phosphorus
C. Potassium
D. All of these

29. The Red soil is lacked with which mineral?
- Nitrogen
 - Phosphorus
 - Potassium
 - A and B both
30. Match the following:
- | | |
|------------------|--------------------------|
| 1. Black soil | A. Eastern Ghats |
| 2. Red Soil | B. Northern plain |
| 3. Alluvial soil | C. Chhota Nagpur plateau |
| 4. Laterite soil | D. Deccan trap |
- 1-C,2-B,3-D,4-A
 - 1-D,2-C,3-B,4-A
 - 1-B,2-D,3-A,4-C
 - 1-C,2-A,3-D,4-B
31. Match the following:
- | | |
|------------------|------------------------------------|
| 1. Black soil | A. Lacks in N, P and Humus |
| 2. Red Soil | B. Lack in N, P and Calcium |
| 3. Alluvial soil | C. Poor in Nitrogen and Phosphorus |
| 4. Laterite soil | D. Poor in Phosphorus |
- 1-C,2-B,3-D,4-A
 - 1-C,2-A,3-D,4-B
 - 1-B,2-D,3-A,4-C
 - 1-C,2-A,3-D,4-B
32. Consider the following statement(s) related to Regur soils or Black cotton soils.
- It is formed by solidification of lava spread over large area of Deccan plateau.
 - They are very rich in minerals contents because these soils were formed due to volcanic activities.
 - They are found in Karnataka, Maharashtra, MP, Gujarat, AP and Tamil Nadu.
- Which of the above statement(s) is/are correct?
- Only I
 - Only II
 - Both I and II
 - All I, II, III
33. Consider the following statement(s) related to alluvial soils.
- The soil covers 40 percent part of total geographical area of India.
 - Alluvial soils are formed due to depositional work done by rivers in plains. valleys, flood plain and deltas
- Which of the above statement(s) is/are correct?
- Only I
 - Only II
 - Both I and II
 - Neither I nor II

34. Which of the following is NOT a correct statement about Alluvial soil?
- A. Alluvial soil is most abundant type of soil found in India
 - B. Alluvial soil is generally fertile
 - C. Alluvial soil lacks nitrogen and tend to be phosphoric.
 - D. Aluvial soil generally comprise high percentage of clay and retain moisture for long time
35. The Ramsar convention for wetland happened on?
- A. 1971
 - B. 1982
 - C. 1992
 - D. 1981
36. Which is the largest Ramsar Site of India?
- A. Vembnad Lake
 - B. Sunderban
 - C. Chilika Lake
 - D. Wular lake
37. Which one is the latest addition in indian ramsar sites in 2019?
- A. Sunderban
 - B. Vembnad
 - C. Chilika
 - D. Wular
38. In which of the given states, Arawali is not having its footprints.
- A. Rajasthan
 - B. Delhi
 - C. Haryana
 - D. Punjab
39. Raisena Hills of Arawali range is situated on which of the state?
- A. Rajasthan
 - B. Delhi
 - C. Haryana
 - D. Gujarat
40. What is a continental plateau?
- A. Plateau between mountain and plain
 - B. Plateau between two oceans/plain
 - C. Plateau between two mountains
 - D. Plateau between mountain and ocean
41. The ratio between cash in hand and total assets maintained by the banks is called:
- A. SBR (Statutory Bank Ratio)
 - B. SLR (Statutory Liquidity Ratio)
 - C. CBR (Central Bank Reserve)
 - D. CLR (Cash Liquid Ratio)

42. What is the apex organization of Industrial Finance in India?
A. Industrial Finance corporation
B. Industrial Credit and Investment Corporation of India
C. Industrial Development Bank of India
D. None
43. Which Scheme is eligible for refinance from NABARD (national Bank for Agricultural and Rural Development)?
A. Small Road and Water Transport Operators (SRWTO)
B. Self-Employment Scheme for Ex-servicemen (SEMFEX)
C. Soft Loan Assistance for Margin Money (SLAMM)
D. All of the option
44. Which of the following is called a 'Banker's cheque'?
A. Demand Draft (DD)
B. Debit Card
C. Pay Order
D. Banker's Draft
45. What is the ideal of designing Regional Rural Banks (RRBs)?
A. Work on the basis of Commercial banks
B. Help the targeted groups
C. Keep lending rates lower than cooperative institutions
D. Work on innovative and adaptive ideals
46. What is cross cheque?
A. Which can be encashed only by the drawee
B. Which can be encashed only by through a bank
C. Which can be encashed only at State Bank of India
D. Which can be encashed only after it has been transferred to another person
47. National Housing bank is a fully owned subsidiary of _____.
A. HDFC
B. HSBC
C. RBI
D. HUDCO
48. _____ is the first development financial institution in India.
A. IDBI
B. ICICI
C. IFCI
D. RBI
49. IDBI was established in _____.
A. 1948
B. 1954
C. 1992
D. 1964

50. _____ is an apex institution to coordinate, supplement and integrate the activities of all existing specialized financial institutions.
- A. IFCI
 - B. IDBI
 - C. RBI
 - D. SEBI
51. The salary and perquisites of the Prime Minister of India are decided by the:
- A. Constitution
 - B. Cabinet
 - C. Parliament
 - D. President
52. The President takes an oath before assuming office in the presence of the Chief Justice of India. If the Chief Justice is not available, he takes the oath in the presence of:
- A. the Vice-President
 - B. the senior-most Judge of the Supreme Court
 - C. the Attorney-General
 - D. Election Commissioner
53. The President may appoint all the following except:
- A. Prime Minister
 - B. Governor
 - C. High Court judges
 - D. Rajya Sabha Chairman
54. Finance Commission, that is constituted by the President , is done at an Interval of how many years ?
- A. 5 years
 - B. 6 years
 - C. 7 years
 - D. 8 years
55. Who among the following delivers oath to the Council of Ministers during their swearing in ceremony?
- A. Speaker
 - B. Chairman of Rajya Sabha
 - C. Prime Minister
 - D. None of the given options

56. With respect to National Emergency (Article 352) , based on which of the reasons can a President declare a National Emergency in India?
- (I) War
 - (II) External Aggression
 - (III) Internal Disturbance
 - (IV) Failure of State Machinery
- Options :
- A. IV only
 - B. I & II only
 - C. I , II , III & IV
 - D. I, II, III only
57. Consider the following statements with respect to the Attorney General of India
- 1. He is appointed by the President.
 - 2. He must have the same qualifications as are required by a Judge of High Court.
 - 3. In the performance of his duties he shall have the right of audience in all courts of India.
- Which of the statements given above is/are correct?
- A. Only 1
 - B. 1 and 3
 - C. 2 and 3
 - D. 1, 2 and 3
58. Which of the following statements regarding Rajya Sabha is / are correct ?
- 1. The maximum Permissible strength of Rajya Sabha is 250
 - 2. In Rajya Sabha, 238 members are elected indirectly from the States and Union Territories.
 - 3. It shares legislative powers equally with Lok Sabha in matters such as creation of All India Services
- Select the correct answer using the code given below.
- A. 1 and 2 only
 - B. 1, 2 and 3
 - C. 2 and 3 only
 - D. 1 only

59. Consider the following statement :
1. On the expiry of the term of five years by the President of India, the outgoing President must continue to hold office until his successor enters upon his office.
 2. The Electoral College for the President's election consists of the elected members of the Legislative Assemblies of Delhi and Puducherry also.
- Which of the statements given above is/are correct ?
- A. Only 1
 - B. Only 2
 - C. Both 1 and 2
 - D. Neither 1 nor 2
60. The Council of Ministers has to resign if no-confidence motion is passed by a majority of members of
- A. Lok Sabha
 - B. Rajya Sabha
 - C. Both the Houses separately
 - D. Both the Houses in joint sitting
61. Match the following Articles with their respective Statements
- | | |
|----------------|---|
| A. ARTICLE 72 | I. PARDONING POWER OF PRESIDENT |
| B. ARTICLE 75 | II. FINANCIAL EMERGENCY |
| C. ARTICLE 123 | III. APPOINTMENT OF PRIME MINISTER |
| D. ARTICLE 360 | IV. PRESIDENT'S ORDINANCE MAKING POWER. |
- A. A - I , B - III, C - IV , D - II
 - B. A - II , B - III , C - I , D - IV
 - C. A - III , B - II , C - IV , D - I
 - D. A - IV , B - I , C - II , D - III
62. The Prime Minister:
- A. is head of government
 - B. is the leader of Lok Sabha
 - C. may change the portfolios of the Ministers at will
 - D. may do all the above
63. What is the position of a 'Minister of State' in the Central Government?
- A. He is the nominee of the State Governor
 - B. He is the nominee of the State Cabinets
 - C. He looks after the interests of the State Cabinet
 - D. He is a Minister of Central Government but not a member of the Cabinet
64. When can a President use his discretion in appointing the Prime Minister?
- A. In all circumstances
 - B. In no circumstances
 - C. Only when the Lok Sabha has been dissolved
 - D. When no political party enjoys a clear majority in the Lok Sabha

65. Which of the following statements is correct?
- A. The Council of Ministers are collectively responsible to the President of India
 - B. The Council of Ministers are collectively responsible to the Parliament
 - C. The Council of Ministers are collectively responsible to the Lok Sabha
 - D. The Council of Ministers are collectively responsible to the Prime Minister
66. If a Minister loses a no-confidence motion, then:
- A. the Minister resigns
 - B. the whole Council of Ministers resigns
 - C. None of the given options
 - D. only Prime Minister and that Minister resign
67. Which of the following is true in context of the President?
- A. He addresses the first session of the Parliament after each general election of the Lok Sabha and at the commencement of the first session of each year
 - B. He addresses the first session of Parliament at the beginning of each year as well as the last session held at the end of each year
 - C. He addresses the Parliament daily
 - D. None of these
68. Which article of the Indian Constitution provides for Vice-President of India?
- A. Article 61
 - B. Article 62
 - C. Article 63
 - D. Article 65
69. RBI ACT was comes in to existence.....
- A. 1934
 - B. 1935
 - C. 1948
 - D. 1945
70. NBFI s refers to
- A. Non-Banking Financial Industries
 - B. Non-Banking Financial Institution
 - C. Net Banking Financial Industries
 - D. Net Banking Financial Institutions
71. When a deposit of money is received by the banker, the banker becomes the?
- A. Creditor
 - B. Debtor
 - C. Receiver
 - D. Customer

72. On the pattern of which among the following countries, the parliamentary system was established in India by the Constitution of India?
- A. United States of America
 - B. United Kingdom
 - C. Brazil
 - D. Denmark
73. Who among the following is the Speaker of the 17th Lok Sabha ?
- A. Om Birla
 - B. T.S. Thakur
 - C. Meera Kumari
 - D. Manmohan Singh
74. The Council of Ministers is collectively responsible to which of the following?
- A. Prime Minister
 - B. President
 - C. Rajya Sabha
 - D. Lok Sabha
75. At least how many days of prior notice is required for the impeachment to the President of India?
- A. 7 days
 - B. 14 days
 - C. 21 days
 - D. 30 days
76. Skoda is an automobile manufacturing company based in which country?
- A. Czech Republic
 - B. Japan
 - C. France
 - D. South Korea
77. Who was appointed (in Aug'21) as the ambassador of RBI's awareness Campaign on Digital Banking Frauds?
- A. Sumit Antil
 - B. Mirabai Chanu
 - C. Neeraj Chopra
 - D. Avani Lekhara
78. To mark the event of Neeraj Chopra winning Gold in Olympic games, Athletics Federation of India decided to celebrate _____ as the National Javelin Throw Day.
- A. 7th August
 - B. 9th August
 - C. 4th August
 - D. 5th August

79. Who became the 3rd Highest wicket taker in Test Cricket in August 2021?
- A. Ravichandran Ashwin
 - B. Stuart Broad
 - C. James Anderson
 - D. Yasir Shah
80. Name the Space Agency that launched the World's 1st Reprogrammable Satellite - 'Eutelsat Quantum'
- A. SpaceX
 - B. European Space Agency
 - C. NASA
 - D. China National Space Administration
81. Which became the 1st Digital Investment platform to introduce UPI based AutoPay functionality for its Mutual Fund Systematic Investment Plans (SIPs)?
- A. Paytm
 - B. Groww
 - C. Zerodha
 - D. PhonePe
82. Which Indian has been appointed as an independent director of HSBC?
- A. Arundhati Bhattacharya
 - B. Rajnish Kumar
 - C. M K Jain
 - D. Urjit Patel
83. According to UNEP, which variant of petrol has been eradicated from the globe?
- A. Leaded Petrol
 - B. Waxed Petrol
 - C. High Octane Petrol
 - D. High Cetane Petrol
84. What is the name of the India – Kazakhstan joint military, which is held in Kazakhstan?
- A. INDKAZ – 21
 - B. KAZIND – 21
 - C. EX EAGLE – 21
 - D. EX DRAGON – 21
85. What does I denote in VIPER, which is seen in the news regarding space exploration?
- A. Intelligence
 - B. Interesting
 - C. Information
 - D. Investigating

86. What is the full form of VIPER, which is seen in the news regarding space exploration?
- A. Volatiles Interesting Polar Exploration Rover
 - B. Volatiles Investigating Polar Exploration Ranger
 - C. Volatiles Information Polar Exploration Rover
 - D. Volatiles Investigating Polar Exploration Ranger
87. Matthew Henson, who is seen in the news sometimes, is associated with which profession?
- A. Explorer
 - B. Sports person
 - C. Politician
 - D. Scientist
88. Which Racing Driver has won Formula One Emilia-Romagna Grand Prix, officially known as the Formula 1 Pirelli Gran Premio del Made in Italy e dell'Emilia Romagna 2021?
- A. Sebastien Vettel
 - B. Lewis Hamilton
 - C. Valtteri Bottas
 - D. Max Verstappen
89. Which country is to play host to the 2022 FIFA U-17 Women's World Cup?
- A. Brazil
 - B. India
 - C. UAE
 - D. Singapore
90. Breakdancing has been included as an official sport in which famous event?
- A. Asian Games
 - B. Olympics
 - C. Commonwealth Games
 - D. South Asian Games
91. Who among the following has resigned as the Punjab Congress Chief?
- A. Navjot Singh Sidhu
 - B. Amarinder Singh
 - C. Sukhjinder S Randhawa
 - D. Charanjit Singh Channi
92. When was the 1st World Drowning Prevention Day observed by the United Nations?
- A. 25th July 2020
 - B. 24th July 2021
 - C. 25th July 2021
 - D. 23rd July 2020
93. In July 2021, Max Bupa Health Insurance Company was renamed as _____
- A. Niva Bupa Health Insurance company
 - B. Niva Max Bupa Health Insurance company
 - C. Poonawalla Health Insurance company
 - D. Poonawalla Max Health Insurance company

94. Who was appointed as an Election Commissioner of India in June 2021?
A. Om Prakash Rawat
B. Yashvardhan Kumar Sinha
C. Anup Chandra Pandey
D. T V Somanathan
95. Which is the World's Most Liveable City as per the Global Liveability Index 2021 released by the Economic Intelligence Unit (EIU)?
A. London, UK
B. Osaka, Japan
C. Adelaide, Australia
D. Auckland, New Zealand
96. _____ designed the World's 1st Wooden Satellite "WISA Woodsat" that will be launched by European Space Agency from _____.
A. Italy; New Zealand
B. Italy; Belgium
C. Finland; New Zealand
D. Finland; Belgium
97. Which Small Finance Bank (SFB) collaborated with MoEngage (in June'21) to improve digital banking experiences in the unserved & underserved regions of India?
A. Ujjivan SFB
B. Suryoday SFB
C. Equitas SFB
D. Utkarsh SFB
98. _____ virtually participated in the UN 'High-Level Dialogue on Desertification, Land degradation and Drought (DDLDD)' and highlighted India's target to restore 26 million hectares of degraded land by _____.
A. Narendra Modi; 2025
B. Prakash Javadekar; 2030
C. Narendra Modi; 2030
D. Prakash Javadekar; 2025
99. Which organisation partnered (in June'21) with Global Alliance for Mass Entrepreneurship (GAME) to revive the pandemic-hit MSME sector?
A. SEBI
B. RBI
C. NABARD
D. SIDBI

- 100.** What is the theme of 2021's International Day Against Drug Abuse and Illicit Trafficking that is annually observed by the UN on 26th June?
- A. Health for Justice - Justice for Health
 - B. Listen First
 - C. Let's Develop Our Lives
 - D. Share Facts On Drugs, Save Lives
