



University of Engineering & Management, Kolkata

End Semester Examination, December, 2019

Course: B.Tech (CS/ECE/EE/ME/CE/BT)

Semester: 3rd

Paper Name: Essential Studies for Professionals - III

Paper Code: HSMC302

Full Marks: 70

Date: 10/12/2019

Time: 9:30am – 12:30pm

Answer all questions. Each question is of 0.5 marks.

1. Which of the following terms is used for the original plant cover of an area which has grown naturally without human aid and has been left undisturbed by humans for a long time?
 - A. Natural vegetation
 - B. Agriculture
 - C. Gardens
 - D. Plantations
2. Which of the following languages belong to Mizoram?
 - (i) English
 - (ii) Mizo
 - A. Only (i)
 - B. Only (ii)
 - C. Both (i) and (ii)
 - D. None of the above
3. Official Language Act came into force in
 - A. 1961
 - B. 1962
 - C. 1963
 - D. 1964
4. Which of the following terms is used for a plant community which has grown naturally without human aid and interference?
 - A. Orchards
 - B. Virgin vegetation
 - C. Cultivated fields
 - D. Plantations
5. Official Language Act 1963 states that "Hindi" means Hindi in which script?
 - A. Devanagari
 - B. Allahabadi
 - C. Ashokan
 - D. Din-i-illahi
6. Which of the following is/are true regarding the constitutional position of Hindi language?
 - 1) Hindi written in Devanagari script with the Devanagari form of numerals is to be the official

- language of the Union.
- 2) It was decided that for a period of ten years from the commencement of the constitution, English language would continue to be used for all the official purposes.
- A. Only 1
 - B. Only 2
 - C. Both 1 and 2
 - D. None of the above
7. Why are the western slopes of the western ghats covered with thick forests and not the eastern slopes?
- A. On account of more precipitation
 - B. On account of less exposure to cold winds
 - C. On account of more exposure to sunlight
 - D. All the above
8. Which of the following languages are spoken in Dadra & Nagar Haveli?
- (i) English
 - (ii) Gujarati
 - (iii) Marathi
- A. Both (ii) and (iii)
 - B. Only (i)
 - C. All the above
 - D. None of the above
9. Ebony, mahogany and rosewood trees are grown in which type of the following forests?
- A. Deciduous forest
 - B. Tropical rainforest
 - C. Tropical thorn forest
 - D. Coniferous forest
10. Which one of the following trees are found in tropical rainforests?
- A. Mahogany
 - B. Teak
 - C. Sal
 - D. Peepal
11. Teak, Sal are the prominent examples of which natural vegetation?
- A. Deciduous forest
 - B. Tropical rainforest
 - C. Tropical thorn forest
 - D. Coniferous forest
12. The official language of Jammu and Kashmir is:
- A. Persian
 - B. Arabic
 - C. Urdu
 - D. Pashtun
13. The official language of Goa is:
- A. Kok bhorok
 - B. Konkani
 - C. Mandarin
 - D. French

14. Which one of the following languages is not widely spoken in Meghalaya?

- A. English
- B. Garo
- C. Khasi
- D. Hindi

15. Which of the following pairs are correctly matched?

- A. Kuchipudi – Madhya Pradesh
- B. Kathakali – Kerala
- C. Bharatnatyam – Andhra Pradesh
- D. Kathak – Tamil Nadu

16. The Mediterranean lands are often called the World's

- A. grazing lands
- B. forest lands
- C. Fruit basket of the world
- D. paddy lands

17. What are the most important characteristics of the Hot, Wet Equatorial Climate?

- I. Great uniformity of temperature
 - II. No winter
 - III. Heavy precipitation
- A. I only
 - B. I and III only
 - C. II only
 - D. All

18. What are the main criteria of dividing major natural regions of the world?

- A. Temperature, rain fall and vegetation
- B. Latitudes and Longitudes
- C. Atmospheric Pressure and Winds
- D. All of them

19. Which of the following types of vegetation grows in the sandy soil of the desert?

- A. Coniferous trees
- B. Grasslands
- C. Xerophytic plants
- D. Mangroves

20. 'Ghoomar' is the folk dance of which state

- A. Bihar
- B. Haryana
- C. Rajasthan
- D. West Bengal

21. Which one of the following languages is not spoken in Sikkim?

- A. Lepcha
- B. Bhutia
- C. Hindi
- D. None of these

22. Which of the following regions gets no rainfall throughout the year ?
A. The Equatorial Region
B. The Tundra Region
C. The Himalayan Region
D. The Mediterranean Region
23. In hot deserts, why are leaves of trees mostly thick and small?
A. To maximise evaporation
B. To minimise transpiration
C. To reduce moisture
D. To do nothing
24. Which one of the following languages is not spoken in Andaman & Nicobar?
A. Andamanese
B. Nicobarese
C. Bengali
D. Punjabi
25. Bihu is the dance form of which state?
A. Odisha
B. Assam
C. West Bengal
D. Bihar
26. Bhangar is the dance form of which state?
A. Gujarat
B. Punjab
C. Uttar Pradesh
D. Himachal Pradesh
27. Hatlari is the dance form of which state?
A. Assam
B. Odisha
C. Karnataka
D. Kerala
28. 'Beduins' are found in:
A. Tundra region
B. Equatorial region
C. Hot/tropical deserts
D. Temperate Grasslands
29. Name the popular folk song of Uttar Pradesh?
A. Maang
B. Kajri
C. Baul
D. Boli
30. Khantum Bamboo Dance is the dance form of which state?
A. Manipur
B. Nagaland
C. Mizoram
D. Sikkim

31. Laho is the dance form of which state?
- Sikkim
 - Meghalaya
 - Manipur
 - Arunachal Pradesh
32. The Gir National Park and wild life sanctuary is located at
- Madhya Pradesh
 - Gujarat
 - Rajasthan
 - Uttar Pradesh
33. Match the following
- | <u>Climate Characteristic</u> | <u>Precipitation due to Trade winds</u> |
|-------------------------------|---|
| i. Equatorial | a. Heavy rain with three distinct season |
| ii. Tropical Marine | b. High uniform temperature , distributed Rainfall with no distinct season |
| iii. Tropical monsoon | c. Characterized by alternate hot rainy Season and cool dry season with Moderate rainfall |
| iv. Tropical Continental | d. Experienced along the eastern coast Sudan or Savanna Tropical lands. |
- A. i-b, ii-c, iii-d, iv-a
 B. i-c, ii-d, iii-a, iv-b
 C. i-d, ii-c, iii-b, iv-a
 D. i- b. ii-d, iii-a, iv-c
34. North American grassland are called
- Pampas
 - Prairies
 - Savannah
 - None
35. Ankia Nat is a dance form of:
- Andhra Pradesh
 - Bihar
 - Assam
 - Jammu and Kashmir
36. Which country is having the least religious diversity?
- Pakistan
 - Saudi Arabia
 - Syria
 - Vatican City
37. What are the components of Trinity in Christianity?
- Father, mother, son
 - Father, mother, wife
 - Father, mother, holy spirit
 - Father, son, holy spirit

- 38.** What are the two divisions of Islam?
- A. Shia and Shunni
 - B. Protestant and roman catholics
 - C. Digambara and Shwetambara
 - D. Mahayana and hinayana
- 39.** Which religion is based upon the concept of 'reincarnation'?
- A. Islam
 - B. Christianity
 - C. Hinduism
 - D. Paganism
- 40.** What are the two divisions of Christianity?
- A. Shia and Shunni
 - B. Protestant and roman catholics
 - C. Digambara and Shwetambara
 - D. Mahayana and hinayana
- 41.** What are the two sects of buddhism?
- A. Shia and Shunni
 - B. Protestant and roman catholics
 - C. Digambara and Shwetambara
 - D. Mahayana and hinayana
- 42.** Which religious leader's mother was a licchavi princess?
- A. Vardhamana Mahavira
 - B. Gautam Buddha
 - C. Pareshnath
 - D. Rishaba
- 43.** Who established the concept of 'Khalsa'?
- A. Guru Nanak
 - B. Guru Govind Singh
 - C. Sadguru
 - D. Guru Sahib
- 44.** Reserve Bank of India (RBI) has imposed a penalty ranging between one to two crore rupees on how many public banks?
- A. 2
 - B. 5
 - C. 7
 - D. 4
- 45.** A New mobile app launched to provide location, and crop and livestock-specific weather based agro advisories to farmers in local languages
- A. Meghnad
 - B. Meghdoot.
 - C. Megh Vahak
 - D. Megh Malhar
- 46.** Prime Minister Narendra Modi visited Russia to take part in the 5th Eastern Economic Forum (EEF) summit held in:
- A. St. Petersberg
 - B. Moscow

C. Yekaterinburg

D. Vladivostok

47. Who will be honored with the prestigious 2019 Global Goalkeeper Award?

A. Narendra Modi

B. Donald Trump

C. David de Gea

D. Allison Becker

48. Who won the UEFA Super Cup by defeating Chelsea by 5-4 in Istanbul, Turkey

A. Barcelona

B. Liverpool

C. Manchester City

D. Paris St. Germain

49. Who has been unanimously elected as the Speaker of 17th Lok Sabha:

A. Dr Virendra Kumar

B. Ram Vilas Pawan

C. Om Birla

D. Milind Deora

50. Which airline carrier has been named the 'World's Most Punctual Airline' for the second consecutive year:

A. Lufthansa

B. Air India

C. Emirates

D. Sri Lankan Airlines

51. Name the languages that will be included in the Sub-Field of Field "Literature" in the scheme component 'Award of Senior/Junior Fellowships to Outstanding Artistes in the Fields of Culture'

A. Nepali and Santhali

B. French and Portuguese

C. Portuguese and Hausa

D. Javanese and Quechua

52. Who became the 79th country to join the International Solar Alliance (ISA)?

A. Antigua and Barbuda

B. Saint Vincent & the Grenadines

C. Saint Kittis and Nevis

D. Trinidad and Tobago

53. Which city has been named as the world's best city for students for the second consecutive year?

A. New York

B. London

C. Shanghai

D. Tokyo

- 54.** Which of the following is not the function of the RBI?
- E. Banker's Bank
 - F. Controller of credit
 - G. Custodian of Foreign Exchange Reserve
 - H. Allotting money directly to farmers for agricultural development
- 55.** When was RBI established?
- A. 1935
 - B. 1949
 - C. 1929
 - D. 1914
- 56.** Which bank was baptised as the State Bank of India?
- A. New Bank of India
 - B. Imperial Bank of India
 - C. Indian Bank
 - D. United Bank of India
- 57.** Which of the following term is not used in the Formation of Monetary Policy?
- A. Cash Reserve Ratio
 - B. Repo Rate
 - C. Bank Rate
 - D. Blue chip
- 58.** NABARD was set up in-
- A. 1980
 - B. 1982
 - C. 1984
 - D. 1986
- 59.** After State Bank of India, which of the following banks has the largest number of offices?
- A. Punjab National Bank
 - B. Bank of India
 - C. Andhra Bank
 - D. Canara Bank
- 60.** What are teaser loan rates charged by banks?
- A. Rate of interest which is competitively changed in relation to other banks
 - B. Floating rate of interest charged by banks
 - C. Low rate of interest in the initial period which goes up subsequently
 - D. Higher rate of interest in the initial period which goes down subsequently
- 61.** Which of the following terms is used in banking field?
- A. Interest rate swap
 - B. Input devices
 - C. Sedimentary
 - D. Zero Hour
- 62.** With which of following types of loans are teaser rates related?
- A. Home loans
 - B. Personal loans
 - C. Auto loans
 - D. Reverse mortgage loans

- 63.** What does M in M-Banking Facility being offered by banks to their customers, stand for?
- A. Money
 - B. Marginal
 - C. Message
 - D. Mobile Phone
- 64.** Banking in India is controlled by :
- A. Reserve Bank of India
 - B. Union Finance Commission
 - C. Union Ministry of Finance
 - D. Union Ministry of Commerce
- 65.** Which is the country's third largest private sector lender whose name has been officially changed to the Axis Bank Ltd.?
- A. HDFC Bank
 - B. Lord Krishna Bank
 - C. Centurion Bank
 - D. UTI Bank
- 66.** Regional Rural Banks were established in the year –
- A. 1969
 - B. 1972
 - C. 1973
 - D. 1975
- 67.** What type of unemployment is found in India?
- A. Structural Unemployment
 - B. Seasonal unemployment
 - C. Disguise unemployment
 - D. All of the above
- 68.** Cyclical and frictional unemployment are found in..... ?
- A. Less developed and developing countries both
 - B. Developing countries
 - C. Developed countries
 - D. Less developed countries
- 69.** Balance of payments of a country includes:
- A. Current account
 - B. Monetary account
 - C. Capital account
 - D. All of above
- 70.** The balance of payments of country means
- A. Balance in income and expenditure of govt.
 - B. Balance in demand and supply of money
 - C. Balance in export and import earnings
 - D. The annual account of foreign trade
- 71.** What would cause a country's exchange rate to fall:

- A. An increased demand for its exports
 - B. An increased demand for its imports
 - C. An increased in flow of capital
 - D. None of the above
72. Which of the following must always balance:
- A. Balance of visible trade
 - B. Balance of invisible trade
 - C. Balance on the current account
 - D. Balance of payments
73. Visible goods are recorded in this part of balance of payments account:
- A. Current account
 - B. Capital account
 - C. Govt. account
 - D. Official account
74. Visible exports include:
- A. Remittance
 - B. Computer hardware
 - C. Computer software
 - D. Transport cost
75. IMF has given loan to Pakistan. It will improve Pakistan's:
- A. Current account
 - B. Capital account
 - C. Overall balance of payments
 - D. B. and C. of above
76. 10-rupees note is issued by:
- A. RBI
 - B. State Bank
 - C. Govt. of India
 - D. none of these
77. Inflation is the state in which
- A. The value of money decreases
 - B. The value of money increases
 - C. The value of the money increases first and then decreases
 - D. The value of money decreases first and increases later
78. What is a stagflation?
- A. A situation in which the economy experiences recession
 - B. A situation in which the economy have inflation
 - C. An economy where unemployment is high
 - D. Both b and c
79. There are methods of measuring national income:
- A. 5
 - B. 2

C. 1

D. 3

80. Consider the following statement about the Indus Valley Civilization?

- I. Barley has been found from one of Indus Valley Civilization sites
 - II. People of Indus Valley Civilization used to put on the bangles.
 - III. People of Indus Valley Civilization used to trade with other countries
- Which of above statement is/ are true about the Indus Valley Civilization?

A. I Only

B. II Only

C. I, II and III

D. III Only

81. Which of the following is correct about Indus Valley Civilisation?

- 1. The cities were planned
- 2. Non- standardized weights were used
- 3. There was elaborate water drainage system

Select using following codes:

A. 1 only

B. 2 only

C. 1 and 3 only

D. 3 only

82. The most common motif found on the seals of Indus Valley Civilisation is

A. Elephant

B. Bull

C. Unicorn

D. Rhinoceros

83. Which of the following sections of the Brahmanical society extended generous support to both Mahavira and Gautam Buddha in a view to improve their position in the society?

A. Brahmanas

B. Kshatriyas

C. Vaisyas

D. Sudras

84. Which of the following presents the most significant feature of Indus Valley Civilization?

A. Town Planning

B. Drainage system

C. Cult Worship

D. Art and Architecture

85. Which was the earliest capital of Magadha?

A. Vaishali

B. Benaras

C. Rajgir

D. Patliputra

86. Who transferred his capital from Rajgir to Patliputra?

A. Chandragupta II

B. Ashoka

C. Udayin

D. Harsha Vardhan

87. Aryans in the Rigvedic period, which God was not worshipped?
- A. Indra
 - B. Vasudeva
 - C. Suryadeva
 - D. Shiva
88. Main feature in later Vedic period was,
- A. Worship of god
 - B. Rise of Brahmins
 - C. Cultivation
 - D. Caste System
89. Where King Alexander died?
- A. Patliputra
 - B. Vaisali
 - C. Babylon
 - D. Rajgir
90. 'Vid' derived from 'Veda' refer to
- A. Knowledge
 - B. Energy
 - C. Truth
 - D. Karma
91. Which king is titled as the "Second Parshurama"?
- A. Mahapadma Nanda
 - B. Bimbisara
 - C. Cyrus
 - D. Shishunaga
92. Among which the Sculptures of *Gandhara School* reflect?
- A. Greeks
 - B. Europe
 - C. Central Asia
 - D. China
93. The most powerful city among all the Mahajanpadas is –
- A. Magadha
 - B. Patliputra
 - C. Kashi
 - D. Vaishali
94. Which of the following Vedas throws light on the beliefs of the non-Aryans?
- A. Rigveda
 - B. Samaveda
 - C. Yajurveda
 - D. Atharvaveda
95. The Gayatri mantra is dedicated to:
- A. Agni
 - B. Yama

- C. Surya
 - D. Savitri
96. Which of the following Veda contains the Gayatri Mantra?
- A. Rigveda
 - B. Samaveda
 - C. Yajurveda
 - D. Atharvaveda
97. The 'Battle of ten kings' was fought on the banks of:
- A. Parushuni
 - B. Vitasta
 - C. Euphrates
 - D. Shatadru
98. Which is the holy book of Buddhism
- A. Tripitakas
 - B. Torah
 - C. Talmud
 - D. Bhagwad Gita
99. How many Tirthankaras were there in ancient India?
- A. 16
 - B. 22
 - C. 23
 - D. 24
100. What is the meaning of "Buddha"?
- A. Teacher
 - B. Priest
 - C. Enlightened
 - D. Monks
101. Who delivered "Dharmachakra Pravartana"?
- A. Gautama Buddha
 - B. Mahavira
 - C. Ashoka
 - D. Samudragupta
102. Which one of the following ancient mahajanpadas was located on the bank yamuna ?
- A. Anga
 - B. Avanti
 - C. Matsya
 - D. Vatsa
103. Shishunaga dyanasty is credited to have destroyed which mahajanpada?
- A. Vaishali
 - B. Avanti
 - C. Kosala
 - D. Madra

104. What are the two sects of Buddhism?

- A. Shia and Shunni
- B. Protestant and roman catholics
- C. Digambara and Shwetambara
- D. Mahayana and Hinayana

105. Buddhism was split into Hinayana and Mahayana in the time of:

- A. Harsha
- B. Kanishka
- C. Ashoka
- D. Chandragupta Maurya

106. Who was the last Nanda ruler?

- A. Mahapadma Nanda
- B. Shishu Nanda
- C. Aghora Nanda
- D. Dhana Nanda

107. Who among the following was a great ruler of Kalinga in the ancient times?

- A. Ashoka
- B. Mayurasarman
- C. Prasenjit
- D. Kharavela

108. Which is the oldest veda?

- A. Rig
- B. Yajur
- C. Sama
- D. Atharva

109. At which place did Gautama Buddha delivered his first sermon?

- A. Bodh Gaya
- B. Sarnath
- C. Kushinagar
- D. Pataliputra

110. At which place did Gautama Buddha died?

- A. Bodh Gaya
- B. Sarnath
- C. Kushinagar
- D. Pataliputra

111. 'Middle path' is associated with which religion?

- A. Islam
- B. Buddhism
- C. Judaism
- D. Paganism

112. Which metals were mostly used to make the tools and weapons of Harappan Civilization?

- A. Iron and Silver

- B. Gold
- C. Copper and Bronze
- D. Clay

113. What are the main sources of our knowledge about the Indus Valley Civilization?

- A. Veda
- B. Archaeological excavations
- C. Puranas
- D. None of these

114. At which places in Indus Valley Civilization rice husks have been found?

- A. Lothal and Dholavira
- B. Surkotda and Rakhigadi
- C. Chahundaro and Kalibangan
- D. Lothal and Rangpur

115. Which soil was used to make bricks in Indus Valley Civilization?

- A. Alluvial soil
- B. Black soil
- C. Laterite soil
- D. Red soil

116. In which Harappan City a bronze dancing girl was found?

- A. Kalibangan
- B. Lothal
- C. Harappa
- D. Mohenjodaro

117. What were the residential houses of Indus people made of?

- A. Mud
- B. Stone
- C. Copper
- D. Burnt bricks

118. Indus people made seals with

- A. Copper
- B. Steatite
- C. Clay
- D. Bronze

119. The statue of a dancing girl made out of _____ was found in _____.

- A. Copper, Mohenjodaro
- B. Silver, Harappa
- C. Bronze, Mohenjodaro
- D. Bronze, Harappa

120. Who founded Archaeological Survey of India?

- A. Alexander Cunningham

- B. John Marshall
C. William Wellerburn
D. Charles Mason
121. The national motto of India, ‘Satyameva Jayate’ inscribed below the Emblem of India is:

taken from

- A. Katha Upanishad
B. Chandogya Upanishad
C. Aitareya Upanishad
D. Mundaka Upanishad

122. Consider the following pairs with respect to Harappan civilization:

Usage

heads

weights

tools, weapons, ornaments and vessel

ornaments and vessel

- Stone/Metals

1. Carmelian (red stone)

2. Chert

3. Copper and Bronze

4. Gold and Silver

Which of the above pairs are correctly matched?

- A. 1 and 2

- B. 2 and 3

- C. 1, 2 and 3 only

- D. 1, 2, 3 and 4

123. Consider the following statements regarding the Boghaz-Koi inscription:

I. Boghaz-Koi is an inscription of 1400 B.C. which prove that Rig Veda must have come into existence much before that date.

II. Boghaz-Koi has mentions of the names of Vedic gods Indra, Varuna, Mitra and the two Nasatyas.

III. The Boghaz Koi inscription records a treaty between the Hittite and the Mitanni King

Which of the following statement(s) is/are correct?

A. Only I
B. I and II
C. II and III
D. All of the above

124. Which of the correct ascending order of Political structure of Rig Vedic India?

- A. Grama > Kula > Vish > Jana
B. Kula > Grama > Vish > Jana
C. Rashtra > Jana > Grama > Kula
D. Jana > Grama > Vish > Rashtra

125. In which of the following states the Chalcolithic culture never flourished?

- A. Rajasthan
B. Madhya Pradesh
C. Bihar
D. Gujarat

126. Consider the following statement regarding the port city of Harappa culture – ‘Lothal’?

- A. Lothal was found in the early-Harappan stage.
B. Lothal was surrounded by a massive mud wall.
C. Lothal remained the most important port for trade with the Mesopotamia civilization
Both (b) and (c)

127. Which of the following is correct about Indus Valley Civilisation?

1. The cities were planned
2. Non-standardized weights were used

3. There was elaborate water drainage system

Select using following codes:

- A. 1 only
- B. 2 only
- C. 1 and 3 only
- D. 3 only

128.Which of the following statements is not correct about the Indus Valley Civilization?

- A. The inhabitants knew the use of geometrical designs
- B. The inhabitants knew the game of dice
- C. Harappa was known as gateway city
- D. Sutkagendor was famous as a port city

129.Who has become the first girl student to win President of India Prize?

- A. Subimal Ghosh
- B. Lipi Thukral
- C. Kavitha Gopal
- D. Divya Agrawal

130.Which state topped the 'School Education Quality Index' released by NITI Aayog?

- A. Uttar Pradesh
- B. Bihar
- C. Kerala
- D. Punjab

131.Name the organisation that has developed the first Indigenous High-Temperature Fuel Cell System under the flagship programme named "New Millennium Indian Technology Leadership Initiative (NMITLI)"?

- A. IIT Bombay
- B. IIEST Bangalore
- C. CSIR
- D. IISER Bhopal

132. _____ ministry has recently announced a complete ban of plastic usage from 15 September

- A. Food and Consumer Affairs
- B. Railway
- C. Textile
- D. Agriculture

133.Bianca Andreescu, winner of US Open Women's title, belongs to which nation?

- A. Canada
- B. USA
- C. UK
- D. Spain

134.Which bank has launched OTP facility for ATM withdrawals to protect illegal use of ATM cards?

- A. Indian Overseas Bank
- B. Indian Bank
- C. State Bank of India
- D. Canara Bank

135. What is the name of India's first female Flight Commander?

- A. Gunjan Saxena
- B. Shaliza Dhami
- C. Mitali Madhumita
- D. Noor Inayat Khan

136. Which bank has become the world's first bank to offer negative interest rate home loan?

- A. Jutlander Bank
- B. Jyske Bank
- C. Sydbank
- D. Spar Nord

137. The largest Lagoon lake of India is:

- A. Dal Lake
- B. Chilka Lake
- C. Pulicat Lake
- D. Mansarovar

138. Budapest is the capital of which country?

- A. Belarus
- B. Belgium
- C. Hungary
- D. Ukraine

139. Dollar is the currency of which country?

- A. USA

- B. Singapore
- C. Suriname

- D. All of the above

140. Where is Chaudhary Charan Singh International Airport located?

- A. Pune, Maharashtra
- B. Mumbai, Maharashtra
- C. Lucknow, Uttar Pradesh
- D. Shimla, Himachal Pradesh
