

# Bihar BEd CET 2024 Question Paper with solutions

Time Allowed :2 Hours	Maximum Marks :120	Total Questions :120
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## General English Comprehension

**Direction (Q. Nos. 1-5) : Read the Passage and answer the four choices given after each question that follows :**

Until he was ten Alex attended the nearby Allen School. He was then transferred to Moor School which he attended with his Sisters. Alex learned a good deal about nature during that three mile downhill hike to school and the three mile uphill return trip. He was a quick student and at twelve, the age limit prescribed for Moor School, he was sent to Markil Academy . Two years later he joined his sisters Zen and Jesia at the home of his elder brother Tom, who was to become a successful occultist in Paris. However, the economic success of the family was yet to be and Alex was forced to leave school for economic reasons. When he was fifteen he obtained a job in shipping company. Good fortune, however, was on his side and on the side of humanity. In 1901, he received a share in a legacy which made it possible for him to return to school. He decided to study medicine.

**1. 1.....and at twelve, the age limit prescribed for, Moor School .....this in the context means that children were :**

- (A) not admitted to the school before they were twelve
  - (B) admitted to the school at the age of twelve
  - (C) allowed to remain in the School only up to the age of twelve
  - (D) admitted to the school any time after the age of twelve
- 

**2. The word 'Legacy' in the context means :**

- (A) Lottery
  - (B) Goodwill money
  - (C) Inheritance
  - (D) Legal payment
- 

**3. Alex trekked \_\_\_\_\_ miles everyday to attend Moor School.**

- (A) three
  - (B) six
  - (C) twelve
  - (D) unknown
- 

**4. He was a quick student - this means that Alex :**

- (A) reached School before his sisters
  - (B) reached the school-leaving age
  - (C) was a lively student too soon
  - (D) was a fast learner
- 

**5. Alex became rich \_\_\_\_\_.**

- (A) by working in a shipping company
  - (B) when his brother became a successful occultist
  - (C) because he studied medicine
  - (D) by receiving share in legacy
- 

**6. Shyam \_\_\_\_\_ the movie before he read the review.**

- (A) watches
  - (B) have watched
  - (C) had watched
  - (D) was watching
- 

**7. Did he just \_\_\_\_\_ me a liar ?**

- (A) call
  - (B) called
  - (C) calling
  - (D) None of the above
- 

**8. It gives him immense pleasure \_\_\_\_\_ her to the programme.**

- (A) to invite
  - (B) for invitation
  - (C) in inviting
  - (D) to invited
- 

**9. Choose the correct word which means "Small Branch".**

- (A) Bit
  - (B) Stick
  - (C) Twig
  - (D) Log
- 

**10. The Synonym of Friendly is :**

- (A) Amazing
  - (B) Energetic
  - (C) Amiable
  - (D) Hostile
- 

**11. Tomato is highly \_\_\_\_\_ commodity and weather vulnerability.**

- (A) expensive
- (B) perishable
- (C) dear
- (D) exorbitant

---

12. Those people have \_\_\_\_\_ money.

- (A) much
  - (B) a lot
  - (C) a lot of
  - (D) lots of
- 

13. Make haste lest you \_\_\_\_\_ late.

- (A) should get
  - (B) should not get
  - (C) may not get
  - (D) shall get
- 

14. No loss accrued \_\_\_\_\_ me from this Grocery Shop.

- (A) to
  - (B) with
  - (C) on
  - (D) beside
- 

15. The house was \_\_\_\_\_ river and railway station.

- (A) from
  - (B) at
  - (C) between
  - (D) with
- 

**Section - II : General Hindi / खण्ड - II : सामान्य हिन्दी**

निर्देश (प.सं. 16 से 20) : निम्नलिखित अवतरण को ध्यानपूर्वक पढ़ें एवं सही विकल्पों का चयन करके उत्तर दीजिए :  
साहित्य मानव समाज का अभिन्न अंग समाज का दर्पण साहित्य कहलाता है । साहित्य का जन्म समाज के बिना असंभव है और अच्छे समाज का जन्म बिना साहित्य के असंभव है । समाज और साहित्य का अटूट सम्बन्ध है । साहित्य समाज को नवजीवन प्रदान करता है । साहित्य किसी भी समाज, देश और राष्ट्र की नींव है । साहित्य कभी नष्ट नहीं होता । साहित्य समाज को संस्कारित करने के साथ-साथ जीवन मूल्यों की भी शिक्षा देता है । समाज को व्यापक रूप में प्रभावित करता है, साथ ही लोगों को प्रेरित करने का कार्य भी करता है । समाज के नवनिर्माण में साहित्य की केन्द्रीय भूमिका होती है ।

16. साहित्य और समाज का सम्बन्ध है :

- (A) कोई सम्बन्ध नहीं
  - (B) खराब
  - (C) कमजोर
  - (D) अटूट
-

17. समाज के नवनिर्माण में साहित्य की भूमिका :

- (A) नगण्य है
  - (B) केन्द्रीय है
  - (C) गौण है
  - (D) उपरोक्त में से कोई नहीं
- 

18. साहित्य समाज का क्या कहलाता है ?

- (A) दर्पण
  - (B) सम्बन्ध
  - (C) जीवन
  - (D) प्रेरणा
- 

19. साहित्य समाज को संस्कारित करने के साथ-साथ किसकी शिक्षा देती है ?

- (A) व्यक्तित्व की
  - (B) जीवन मूल्यों की
  - (C) छवि की
  - (D) उपरोक्त में से कोई नहीं
- 

20. प्रस्तुत अवतरण दर्शाता है :

- (A) समाज एवं साहित्य का सम्बन्ध
  - (B) समाज एवं साहित्य की अवहेलना
  - (C) साहित्यकार की सृजनशक्ति
  - (D) सामाजिक व्यवहार
- 

21. 'कमल' का पर्यायवाची शब्द है :

- (A) रश्मि
  - (B) सरोज
  - (C) भानु
  - (D) भास्कर
- 

22. इनमें से देशज शब्द नहीं है :

- (A) डाक्टर
  - (B) दातुन
  - (C) लोटा
  - (D) कटोरा
- 

23. 'ज्येष्ठ' का विलोम शब्द है :

- (A) उत्कृष्ट

- (B) कनिष्ठ
  - (C) अग्रज
  - (D) उपरोक्त में से कोई नहीं
- 

24. 'गजानन' में कौन-सा समास है ?

- (A) अव्ययीभाव
  - (B) बहुव्रीहि
  - (C) तत्पुरुष
  - (D) कर्मधारय
- 

25. छंद कितने प्रकार के होते हैं ?

- (A) 3
  - (B) 2
  - (C) 5
  - (D) 4
- 

26. 'नमक-मिर्च लगाना' मुहावरे का अर्थ है :

- (A) बड़ा काम करना
  - (B) बहुत पैसे कमाना
  - (C) खाने में नमक और मिर्च डालना
  - (D) बढ़ा-चढ़ा कर कहना
- 

27. भारत की राजभाषा है :

- (A) उर्दू
  - (B) अंग्रेजी
  - (C) हिन्दी
  - (D) उपरोक्त में से कोई नहीं
- 

28. 'गोदान' के लेखक हैं :

- (A) माखनलाल चतुर्वेदी
  - (B) भगवतीचरण वर्मा
  - (C) महादेवी
  - (D) प्रेमचंद
- 

29. उसे धीरे-धीरे लिखने की आदत है। रेखांकित शब्द क्या है ?

- (A) सर्वनाम
- (B) संज्ञा
- (C) क्रिया
- (D) क्रिया-विशेषण

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30. देव + इंद्र की संधि से बनने वाला शब्द है :

- (A) देवींद्र
  - (B) देवइंद्र
  - (C) देवेंद्र
  - (D) देविंद्र
- 

**Section - III : Logical Analytical Reasoning**

**Directions (Q. Nos. 31-32) : Choose the group of letters which is different from others of the following :**

**31. Choose the group of letters which is different from others of the following :**

- (A) DF
  - (B) KM
  - (C) PN
  - (D) TV
- 

**32. Choose the group of letters which is different from others of the following :**

- (A) CDE
  - (B) LNO
  - (C) RST
  - (D) HIJ
- 

**33. Find out the missing item from the following :**

15	6	4
6	8	7
2	6	?

- (A) 8
  - (B) 9
  - (C) 10
  - (D) 11
- 

**34. If you write down all the numbers from 1 to 100, then how many times do you write 4 ?**

- (A) 19
  - (B) 18
  - (C) 20
  - (D) 21
- 

**35. If 25th February, 2008 was a Monday, then what was the day of 15th March, 2008 ?**

- (A) Tuesday  
(B) Saturday  
(C) Sunday  
(D) Monday
- 

36. Read the given pattern carefully and tell which number will come in place of the question mark( ? ) :

7	8	2
2	3	3
4	1	7
5	6	?

- (A) 1  
(B) 2  
(C) 4  
(D) 6
- 

37. If  $841 = 3$ ,  $633 = 5$ , and  $425 = 7$ , then  $217 = ?$

- (A) 6  
(B) 7  
(C) 8  
(D) 9
- 

38. Select the related number from the given alternatives :

12 : 30 :: 20 : ?

- (A) 48  
(B) 32  
(C) 35  
(D) 42
- 

39. A sum of Rs. 53 is divided among A, B, and C in such a way that A gets Rs. 7 more than what B gets, and B gets Rs. 8 more than what C gets. The ratio of their shares is :

- (A) 27 : 20 : 12  
(B) 27 : 17 : 09  
(C) 25 : 18 : 10  
(D) None of the above
- 

40. Select the option figure that will complete the series of question figures :

4	5	7	4
7	6	7	6
6	5	6	7

- (A)  $\begin{vmatrix} 5 & 4 \\ 7 & 6 \end{vmatrix}$   
(B)  $\begin{vmatrix} 4 & 5 \\ 7 & 6 \end{vmatrix}$

- (C)  $\begin{vmatrix} 5 & 6 \\ 4 & 7 \end{vmatrix}$
- (D)  $\begin{vmatrix} 6 & 7 \\ 4 & 7 \end{vmatrix}$

41. "A + B" means "A is the sister of B", "A - B" means "A is the father of B", "A × B" means "A is the brother of B". If Q + R - P × N - S, then how is R related to S ?

- (A) Father  
(B) Brother  
(C) Uncle  
(D) Grandfather

42. The formula to calculate mean (Long Method) from classified data is :

- (A)  $M = \frac{\sum fN}{N}$   
(B)  $M = \frac{\sum x}{N}$   
(C)  $M = \frac{\sum fix}{\sum x}$   
(D)  $M = \frac{\sum fix}{N}$

43. Which of the following is a positional average ?

- (A) Mean  
(B) Median  
(C) Mode  
(D) Range

44. 'Flow' is related to 'River' in the same way as 'Stagnant' is related to :

- (A) Stream  
(B) Canal  
(C) Rain  
(D) Pond

45. Ogive gives no help in the extinction of :

- (A) Median  
(B) Percentile  
(C) Mode  
(D) Percentile Rank

46. If COVER = 18522153, STIND = 111492019, then PLATE = ?

- (A) 52011216  
(B) 68541264  
(C) 16121195

(D) 56841525

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47. If  $a : b = 2 : 3$ ,  $b : c = 4 : 5$ , then find  $a : b : c$ .

- (A) 8 : 12 : 15
  - (B) 15 : 12 : 8
  - (C) 2 : 5 : 15
  - (D) 24 : 12 : 8
- 

48. A man said to a woman "The only son of your brother, is the brother of my wife." How is that woman related to the wife of that man ?

- (A) Aunt
  - (B) Sister
  - (C) Mother
  - (D) Grandmother
- 

49. In a code language 'SURGE' is written as 'GITWU'. How will 'LIGHT' be written in that language ?

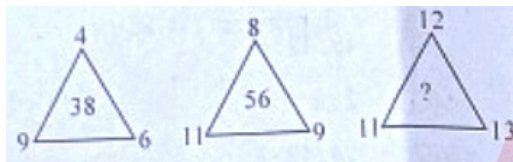
- (A) NKIJV
  - (B) UJIMN
  - (C) VKIJM
  - (D) VJIKN
- 

50. If 'A' stands for '+', 'B' stands for '-', 'C' stands for ' $\times$ ' and 'D' stands for ' $\div$ ', then what will be the value of the given expression ?

35A 25B 12C 25D 5

- (A) 5
  - (B) 0
  - (C) 10
  - (D) 2
- 

51. Select the option that best suits the place of question mark (?) in the figure :



- (A) 72
  - (B) 78
  - (C) 108
  - (D) 90
-

**52. If  $16 \div 4 = 74$ ,  $21 \div 7 = 33$ ,  $81 \div 9 = 90$ , then  $55 \div ?$**

- (A) 110
  - (B) 1001
  - (C) 11
  - (D) 1011
- 

**53. In a code language, if "PLAYER" is coded as '119', then how will "OPTIONS" be coded in the same language ?**

- (A) 150
  - (B) 121
  - (C) 131
  - (D) 141
- 

**54. Select the number that can come in place of the question mark ( ? ) in the following series :**

1, 1, 2, 3, 7, 22, ?

- (A) 157
  - (B) 155
  - (C) 154
  - (D) 156
- 

**55. Find out the wrong number in the given series :**

51, 27, 61, 122, 213, 340, 509

- (A) 27
  - (B) 61
  - (C) 122
  - (D) 509
- 

#### **Section -IV : General Awareness**

**56. Main use of salt in diet is to :**

- (A) ease the process of cooking
  - (B) increase the taste
  - (C) produce small amount of hydrochloric acid required for digestion
  - (D) increase solubility of food particles in water
- 

**57. Which fungus is known as "Green Mold" ?**

- (A) Aspergillus
  - (B) Saccharomyces
  - (C) Mucus
  - (D) Penicillium
-

**58. MDT is used for which disease ?**

- (A) Tuberculosis
  - (B) Leprosy
  - (C) Diphtheria
  - (D) Polio
- 

**59. Which pollutant may lead to 'Black Foot Disease' ?**

- (A) Cd
  - (B) Hg
  - (C) As
  - (D) Cu
- 

**60. What is the unit of Astronomical Distance ?**

- (A) Weber
  - (B) Angstrom
  - (C) Light Year
  - (D) Lux
- 

**61. Electronegativity is the measure of :**

- (A) Non-metallic character
  - (B) Metallic character
  - (C) Basic character
  - (D) None of the above
- 

**62. The lens used in a simple microscope is :**

- (A) Concave
  - (B) Convex
  - (C) Cylindrical
  - (D) None of the above
- 

**63. The elimination of toxic nitrogenous waste and excess water in man is by :**

- (A) Excretion
  - (B) Circulation
  - (C) Reproduction
  - (D) Pollution
- 

**64. Universally accepted colour for mountains is :**

- (A) Grey
- (B) Snow White

- (C) Dark Green
  - (D) Brown
- 

**65. Bolometer is used to measure :**

- (A) Frequency
  - (B) Temperature
  - (C) Velocity
  - (D) Wavelength
- 

**66. A jet engine works on the principle of conservation of :**

- (A) Mass Velocity
  - (B) Angular Momentum
  - (C) Energy Mass
  - (D) Linear Momentum
- 

**67. If a lift is going up with acceleration, the apparent weight of a body is :**

- (A) More or less than true weight
  - (B) Equal to the true weight
  - (C) Less than the true weight
  - (D) More than the true weight
- 

**68. The liquid metal is :**

- (A) Bismuth
  - (B) Magnesium
  - (C) Mercury
  - (D) Sodium
- 

**69. Which of the following is not a primary colour ?**

- (A) Red
  - (B) Blue
  - (C) Green
  - (D) Yellow
- 

**70. Which blood cells are called 'Soldiers' of the body ?**

- (A) WBC
  - (B) Platelets
  - (C) RBC
  - (D) All of the above
-

**71. If the radius of blood vessels of a person decreases, then his/her blood pressure will :**

- (A) Decrease
  - (B) Increase
  - (C) Remain Same
  - (D) Become zero
- 

**72. What is the scope of Decision-making ?**

- (A) Organization
  - (B) Management
  - (C) Inspection
  - (D) Administration
- 

**73. Do children of intelligent parents always shine in study ?**

- (A) No
  - (B) Yes
  - (C) Dependent on God
  - (D) Psychology
- 

**74. Which of the following pairs of rivers was first added ?**

- (A) Damodar-Hooghly
  - (B) Son-Mahanadi
  - (C) Narmada-Tapti
  - (D) Godavari-Krishna
- 

**75. Whose knowledge helps us immensely in understanding ourselves ?**

- (A) Colors
  - (B) Education
  - (C) Socialization
  - (D) All of the above
- 

**76. Which planet is surrounded by methane rings ?**

- (A) Neptune
  - (B) Venus
  - (C) Mercury
  - (D) Uranus
- 

**77. Granite, Gabbro and Basalt are which type of rocks ?**

- (A) Igneous
- (B) Sedimentary

- (C) Metamorphic
  - (D) Complex
- 

**78. Which Ocean has one-third of land surface in the world ?**

- (A) Indian Ocean
  - (B) Arctic Ocean
  - (C) Pacific Ocean
  - (D) Atlantic Ocean
- 

**79. Which Article deals with 'Education for All' ?**

- (A) Article 41
  - (B) Article 45
  - (C) Article 43
  - (D) Article 44
- 

**80. Which is considered as the most ancient part of the world by historians ?**

- (A) Gangetic Valley
  - (B) Southern part of Vindhya Mountain
  - (C) North Western Indian Valley
  - (D) North Eastern part of India
- 

**81. The official language of Palavas was :**

- (A) Tamil
  - (B) Pali
  - (C) Sanskrit
  - (D) Kharosthi
- 

**82. The lines that adjoin different places with the same pressure are known as :**

- (A) Isobar
  - (B) Isotherm
  - (C) Contour
  - (D) Hythergraph
- 

**83. In India, the National Human Rights Commission was established in which year ?**

- (A) 1991
  - (B) 1992
  - (C) 1993
  - (D) 1994
-

**84. White Revolution is associated with :**

- (A) White Edible Oil
  - (B) Fruit Production
  - (C) White Poultry and Egg
  - (D) Milk Production
- 

**85. The Local Government in India was initially established by :**

- (A) Lord Ripon
  - (B) Lord Curzon
  - (C) Lord Canning
  - (D) Lord Dalhousie
- 

**86. 'Khajuraho' temple was built by :**

- (A) Chauhans
  - (B) Chandelas
  - (C) Rajputs
  - (D) Pratiharas
- 

**87. The macro-nutrient provided by inorganic fertilization are :**

- (A) Carbon, Iron, Boron
  - (B) Carbon, Nitrogen, Phosphorous
  - (C) Nitrogen, Phosphorous, Potassium
  - (D) Magnesium, Zinc, Iron
- 

**88. Who was appointed as Managing Director of the International Monetary Fund in October, 2019 ?**

- (A) Rodrigo Rato
  - (B) Kristalina Georgieva
  - (C) Christine Lagarde
  - (D) Dominique Strauss-Kahn
- 

**89. Prime Minister Shri Narendra Modi got Global Goalkeeper Award for which of the following movements ?**

- (A) Saubhagya Yojana
  - (B) Nutrition Mission
  - (C) Swachh Bharat
  - (D) Mission Indradhanush
- 

**90. Which of the following fort is known as 'The Golden Fort' ?**

- (A) Jaisalmer Fort
- (B) Red Fort

- (C) Mehrangarh Fort
  - (D) Aurangabad Fort
- 

**91. The Biodiversity Act was formed in India in which year ?**

- (A) 2000
  - (B) 2001
  - (C) 2002
  - (D) 2004
- 

**92. When TEL (Tetra Ethyl Lead) is added to petrol, then :**

- (A) it increases the B.P. of petrol
  - (B) it increases the anti-knocking rating
  - (C) it decreases the B.P. of petrol
  - (D) it decreased the anti-knocking rating
- 

**93. Which Carbon Compound is used as fire extinguisher ?**

- (A) CS<sub>2</sub>
  - (B) CHCl<sub>3</sub>
  - (C) CH<sub>3</sub>Cl
  - (D) CCl<sub>4</sub>
- 

**94. Supersonic Aircrafts discharge the following substance into the stratosphere :**

- (A) SO<sub>2</sub>
  - (B) CO<sub>2</sub>
  - (C) NO<sub>2</sub>
  - (D) CO
- 

**95. When water is added to anhydrous white copper sulphate, the color will change to :**

- (A) Yellow
  - (B) Green
  - (C) Blue
  - (D) Red
- 

#### **Section - V : Teaching-Learning Environment in Schools**

**96. Classroom problem-solving ability is developed by using which as feedback device ?**

- (A) T-Group
- (B) Micro Teaching
- (C) Interaction Analysis

(D) Simulation Technique

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**97. The supporting system of teaching is :**

- (A) Laboratory
  - (B) Library
  - (C) Both (A) and (B)
  - (D) None of the above
- 

**98. Mastery learning strategy of teaching is designed by :**

- (A) J.S. Bruner
  - (B) Osborne
  - (C) B.S. Skinner
  - (D) B.S. Bloom
- 

**99. The norms for teachers are to be developed by :**

- (A) U.G.C.
  - (B) N.C.E.R.T.
  - (C) N.C.T.E.
  - (D) S.C.E.R.T.
- 

**100. In the absence of \_\_\_\_ human personality does not develop.**

- (A) Knowledge
  - (B) Culture
  - (C) Work
  - (D) None of the above
- 

**101. Newspaper is a/an \_\_\_\_ agency.**

- (A) Formal
  - (B) Informal
  - (C) Personal
  - (D) None of the above
- 

**102. \_\_\_\_ consider school as a miniature form of society.**

- (A) Idealist
  - (B) Naturalist
  - (C) Pragmatist
  - (D) Humanitarian
-

**103. Who said that "Philosophy and Education are 'Two Sides of the same Coin' ?"**

- (A) Dewey
  - (B) Ross
  - (C) Adams
  - (D) Socrates
- 

**104. The direct control of management is on :**

- (A) State Bodies
  - (B) Central Bodies
  - (C) Both (A) and (B)
  - (D) None of the above
- 

**105. Technique of teaching is :**

- (A) Illustration
  - (B) Exposition
  - (C) Explanation
  - (D) All of the above
- 

**106. Procedure of management of teaching-learning is :**

- (A) Organizing
  - (B) Planning
  - (C) Controlling
  - (D) All of the above
- 

**107. The main approach of Educational Management is :**

- (A) Social Justice
  - (B) Social Demand
  - (C) Manpower Development
  - (D) All of the above
- 

**108. Teacher's main task is to :**

- (A) Understand his students
  - (B) Mastery of his subject
  - (C) Acquire teaching skills
  - (D) All of the above
- 

**109. Children's error :**

- (A) should be immediately corrected by asking them to do repeated practice
- (B) are a part of learning and give insight into their thinking

- (C) are insignificant in the teaching-learning process
  - (D) reflect how careless children are
- 

**110. The method of teaching is to :**

- (A) Impart information
  - (B) Ask students to read books
  - (C) Suggest good reference material
  - (D) Initiate a discussion and participate in it
- 

**111. An object in which no light rays can pass through is called :**

- (A) Translucent
  - (B) Transparent
  - (C) Convex
  - (D) Opaque
- 

**112. Environmental Studies curriculum may lead to holistic learning of children if it is :**

- (A) Integrated
  - (B) Inclusive
  - (C) Thematic
  - (D) All of the above
- 

**113. For an efficient and durable learning, learner should have :**

- (A) Ability to learn only
  - (B) Requisite level of motivation only
  - (C) Opportunities to learn only
  - (D) Desire level of ability and motivation
- 

**114. Classroom communication must be :**

- (A) Teacher-centric
  - (B) Student-centric
  - (C) General-centric
  - (D) Textbook-centric
- 

**115. As a teacher, select the best option to ensure your effective presence in the classroom :**

- (A) Uses of peer command
  - (B) Making aggressive statement
  - (C) Adoption of well-established posture
  - (D) Being authoritarian
-

**116. Which of the following is the longest source of water pollution in major rivers of India ?**

- (A) Untreated sewage
  - (B) Agriculture run-off
  - (C) Unregulated small-scale industries
  - (D) Religious practices
- 

**117. Which of the following is not a prescribed level of teaching ?**

- (A) Memory
  - (B) Understanding
  - (C) Reflective
  - (D) Differentiation
- 

**118. The coastal State/Union Territory of Bay of Bengal is :**

- (A) Odisha
  - (B) Karnataka
  - (C) Kerala
  - (D) Telangana
- 

**119. Learning is a process of development, where the individual has to make :**

- (A) Efforts on his own
  - (B) Contribution of parents
  - (C) Contribution of teachers
  - (D) None of the above
- 

**120. What is the meaning of 'E' in UNESCO ?**

- (A) Economic
  - (B) Environment
  - (C) Eastern
  - (D) Educational
-