

TS EAMCET 2025 April 29 Shift 2 Question Paper

Time Allowed :3 Hours	Maximum Marks : 160	Total Questions :160
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General Instructions

Read the following instructions very carefully and strictly follow them:

1. This question paper comprises 160 questions.
2. The Paper is divided into three parts- Biology, Physics and Chemistry.
3. There are 40 questions in Physics, 40 questions in Chemistry and 80 questions in Biology.
4. For each correct response, candidates are awarded 1 marks.

1. Which of the following statements are correct with respect to the inflorescence in Cotoneaster?

- (1) The peduncle shows an indefinite growth.
 - (2) The peduncle shows a definite growth.
 - (3) The flowers are borne in an acropetal manner on peduncle.
 - (4) The flowers are borne in basipetal manner on peduncle.
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2. Which of the following forces have infinite range?

- (1) Gravitational force
 - (2) Weak nuclear force
 - (3) Electromagnetic force
 - (4) Strong nuclear force
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3. ICBN refers to?

- (1) International Code of Botanical Nomenclature
 - (2) International Committee of Biotech Nomenclature
 - (3) International Code of Business Nomenclature
 - (4) International Convention of Botanical Naming
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4. A ball is projected vertically up with speed V_0 from a certain height H. When the ball reaches the ground the speed is $3V_0$. The time taken by the ball to reach the ground and height H respectively are (g = acceleration due to gravity)

5. How many among the given species have the highest bond order? CN^- , CO , NO^- , O_2 , N_2

- (1) 1
 - (2) 2
 - (3) 3
 - (4) 4
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