

# NEET 2022

QUESTION PAPER WITH SOLUTION

17th July 2022 (Sunday)

CODE - T3 | ZOOLOGY

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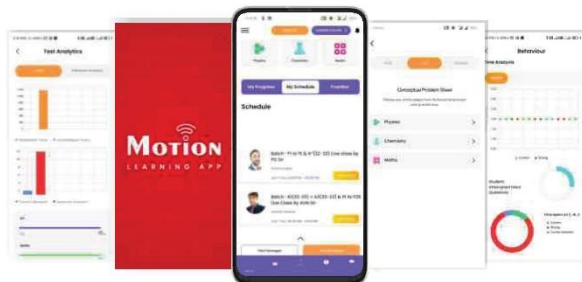
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## SECTION – A

151. In gene therapy of Adenosine Deaminase (ADA) deficiency, the patient requires periodic infusion of genetically engineered lymphocytes because :

- (1) Gene isolated from marrow cells producing ADA is introduced into at embryonic stages
- (2) Lymphocytes from patient's blood are grown in culture, outside the body.
- (3) Genetically engineered lymphocytes are not immortal cells.
- (4) Retroviral vector is introduced into these lymphocytes.

Sol. (3)

NCERT 12<sup>th</sup> Page No. 211

152. In-situ conservation refers to :

- (1) Conserve only high risk species
- (2) Conserve only endangered species
- (3) Conserve only extinct species
- (4) Protect and conserve the whole ecosystem

Sol. (4)

NCERT 12<sup>th</sup> Page No. 266

153. Given below are two statements : one is labelled as **Assertion (A)** and the other is labelled as **Reason (R)**.  
**Assertion (A) :**

Osteoporosis is characterised by decreased bone mass and increased chances of fractures.

**Reason (R) :**

Common cause of osteoporosis is increased levels of estrogen.

In the light of the above statements, choose the **most appropriate** answer from the options given below :

- (1) Both **(A)** and **(R)** are correct but **(R)** is not the correct explanation of **(A)**
- (2) **(A)** is correct but **(R)** is not correct
- (3) **(A)** is not correct but **(R)** is correct
- (4) Both **(A)** and **(R)** are correct and **(R)** is the correct explanation of **(A)**

Sol. (2)

154. Which of the following is a **correct** match for disease and its symptoms?

- (1) Tetany – high  $\text{Ca}^{2+}$  level causing rapid spasms.
- (2) Myasthenia gravis – Genetic disorder resulting in weakening and paralysis of skeletal muscle
- (3) Muscular dystrophy – An auto immune disorder causing progressive degeneration of skeletal muscle
- (4) Arthritis – Inflamed joints

Sol. (4)

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155. In the taxonomic categories which hierarchical arrangement in ascending order is **correct** in case of animals?

- (1) Kingdom, Class, Phylum, Family, Order, Genus, Species
- (2) Kingdom, Order, Class, Phylum, Family, Genus, Species
- (3) Kingdom, Order, Phylum, Class, Family, Genus, Species
- (4) Kingdom, Phylum, Class, Order, Family, Genus, Species

Sol. (4)

NCERT 11<sup>th</sup> Page No. 10

156. Regarding Meiosis, which of the statements is **incorrect**?

- (1) DNA replication occurs in S phase of Meiosis-II
- (2) Pairing of homologous chromosomes and recombination occurs in Meiosis-I
- (3) Four haploid cells are formed at the end of Meiosis-II
- (4) There are two stages in Meiosis, Meiosis-I and II

Sol. (1)

NCERT 11<sup>th</sup> Page No. 167

157. If the length of a DNA molecule is 1.1 metres, what will be the approximate number of base pairs?

- (1)  $6.6 \times 10^9$  bp
- (2)  $3.3 \times 10^6$  bp
- (3)  $6.6 \times 10^6$  bp
- (4)  $3.3 \times 10^9$  bp

Sol. (4)

NCERT 12<sup>th</sup> Page No. 99

158. Given below are two statements :

**Statement I :**

The coagulum is formed of network of threads called thrombins.

**Statements II :**

Spleen is the graveyard of erythrocytes.

In the light of the above statements, choose the **most appropriate** answer from the options given below:

- (1) Both **Statement I** and **Statement II** are incorrect
- (2) **Statement I** is correct but **Statement II** is incorrect
- (3) **Statement I** is incorrect but **Statement II** is correct
- (4) Both **Statement I** and **Statement II** are correct

Sol. (3)

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159. Given below are two statements :

**Statement I :**

Mycoplasma can pass through less than 1 micron filter size.

**Statement II :**

Mycoplasma are bacteria with cell wall

In the light of the above statements, choose the **most appropriate** answer from the options given below:

- (1) Both **Statement I** and **Statement II** are incorrect
- (2) **Statement I** is correct but **Statement II** is incorrect
- (3) **Statement I** is incorrect but **Statement II** is correct
- (4) both **Statement I** and **Statement II** are correct

Sol. (2)

NCERT 11<sup>th</sup> Page No. 20

160. If '8' Drosophila in laboratory population of '80' died during a week, the death rate in the population is \_\_\_\_\_ individuals per Drosophila per week.

- (1) 10
- (2) 1.0
- (3) zero
- (4) 0.1

Sol. (4)

NCERT 12<sup>th</sup> Page No. 83

161. A dehydration reaction links two glucose molecules to produce maltose. If the formula for glucose is  $C_6H_{12}O_6$  then what is the formula for maltose ?

- (1)  $C_{12}H_{24}O_{12}$
- (2)  $C_{12}H_{22}O_{11}$
- (3)  $C_{12}H_{24}O_{11}$
- (4)  $C_{12}H_{20}O_{10}$

Sol. (2)

162. Tegmina in cockroach, arises from :

- (1) Mesothorax
- (2) Metathorax
- (3) Prothorax and Mesothorax
- (4) Prothorax

Sol. (1)

163. Identify the microorganism which is responsible for the production of an immunosuppressive molecule cyclosporin A :

- (1) Clostridium butylicum
- (2) Aspergillus niger
- (3) Streptococcus cerevisiae
- (4) Trichoderma polysporum

Sol. (4)

NCERT 12<sup>th</sup> Page No. 181

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164. Nitrogenous waste is excreted in the form of pellet or paste by :
- (1) Salamandra (2) Hippocampus  
(3) Pavo (4) Ornithorhynchus

Sol. (3)

165. Which of the following functions is not performed by secretions from salivary glands ?
- (1) Digestion of complex carbohydrates  
(2) Lubrication of oral cavity  
(3) Digestion of disaccharides  
(4) Control bacterial population in mouth

Sol. (3)

166. Breeding crops with higher levels of vitamins and minerals or higher proteins and healthier fats is called ?
- (1) Bio-remediation (2) Bio-fortification  
(3) Bio-accumulation (4) Bio-magnification

Sol. (2)

NCERT 12<sup>th</sup> Page No. 166

167. Which of the following is not the function of conduction part of respiratory system ?
- (1) Inhaled air is humidified  
(2) Temperature of inhaled air is brought to body temperature  
(3) Provides surface for diffusion of O<sub>2</sub> and CO<sub>2</sub>  
(4) It clears inhaled air from foreign particles

Sol. (3)

168. Natural selection where more individuals acquire specific character value other than the mean character value, leads to :
- (1) Directional change (2) Disruptive change  
(3) Random change (4) Stabilising change

Sol. (1)

169. Which of the following statements with respect to endoplasmic reticulum is **incorrect** ?
- (1) SER is devoid of ribosomes  
(2) In prokaryotes only RER are present  
(3) SER are the sites for lipid synthesis  
(4) RER has ribosomes attached to ER

Sol. (2)

NCERT 11<sup>th</sup> Page No. 133

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170. Given below are statements :

**Statement I :**

Autoimmune disorder is a condition where body defense mechanism recognizes its own cells as foreign bodies.

**Statement II :**

Rheumatoid arthritis is a condition where body does not attack self cells.

In the light of the above statements, choose the **most appropriate** answer from the option given below :

- (1) Both **statement I** and **statement II** are incorrect
- (2) **Statement I** is correct but **statement II** is incorrect
- (3) **Statement I** is incorrect but **statement II** is correct
- (4) Both **statement I** and **statement II** are correct

Sol. (2)

171. Under normal physiological conditions in human being every 100ml of oxygenated blood can deliver \_\_\_\_\_ml of O<sub>2</sub> to the tissues.

- (1) 5 ml
- (2) 4 ml
- (3) 10 ml
- (4) 2 ml

Sol. (1)

172. In an E.coli strain i gene gets mutated and its product can not bind the inducer molecule. If growth medium is provided with lactose, what will be the outcome ?

- (1) z, y, a genes will be transcribed
- (2) z, y, a genes will not be translated
- (3) RNA polymerase will bind the promoter region
- (4) Only z gene will get transcribed

Sol. (2)

NCERT 12<sup>th</sup> Page No. 116, 117

173. Which of the following is present between the adjacent bones of the vertebral column ?

- (1) Cartilage
- (2) Areolar tissue
- (3) Smooth muscle
- (4) Intercalated discs

Sol. (1)

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174. Given below are two statements : one is labelled as assertion (A) and the other is labelled as Reason (R).

**Assertion (A)**

All vertebrates are chordates but all chordates are not vertebrates.

**Reason (R) :**

Notochord is replaced by vertebral column in the adult vertebrates.

In the light of the above statements, choose the most appropriate answer from the options given below

(1) Both (A) and (R) are correct but (R) is not the correct explanation of (A)

(2) (A) is correct but (R) is not correct

(3) (A) is not correct but (R) is correct

(4) Both (A) and (R) are correct and (R) is the correct explanation of (A)

Sol. (4)

175. Given below are two statements :

**Statement I :**

The release of sperms into the seminiferous tubules is called spermiation.

**Statement II :**

Spermiogenesis is the process of formation of sperm from spermatogonia.

In the light of the above statements, choose the most appropriate answer from the options given below.

(1) Both **statement I** and **statement II** are incorrect

(2) **Statement I** is correct but **statement II** is incorrect

(3) **Statement I** is incorrect but **statement II** is correct

(4) Both **statement I** and **statement II** are correct.

Sol. (2)

176. Identify the asexual reproductive structure associated with Penicillium :

(1) Conidia (2) Gemmules

(3) Buds (4) Zoospores

Sol. (1)

NCERT 12<sup>th</sup> Page No. 6

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177. Which of the following statements are true for spermatogenesis but do not hold true for Oogenesis ?
- (a) It results in the formation of haploid gametes
  - (b) Differentiation of gamete occurs after the completion of meiosis
  - (c) Meiosis occurs continuously in a mitotically dividing stem cell population.
  - (d) It is controlled by the Luteinising hormone (LH) and Follicle Stimulating Hormone (FSH) secreted by the anterior pituitary
  - (e) It is initiated at puberty

Choose the most appropriate answer from the options give below :

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

Sol. (3)

178. Given below are two statements :

**Statement I :**

Restriction endonucleases recognise specific sequence to cut DNA known as palindromic nucleotide sequence.

**Statement II :**

Restriction endonucleases cut the DNA strand a little away from the centre of the palindromic site

In the light of the above statements, choose the most appropriate answer from the options given below :

- (1) Both **statement I** and **statement II** are incorrect
- (2) **Statement I** is correct but **statement II** is incorrect
- (3) **Statement I** is incorrect but **statement II** is correct
- (4) Both **statement I** and **statement II** are correct

Sol. (4)

NCERT 12<sup>th</sup> Page No. 196, 197

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179. Lippe's loop is a type of contraceptive used as :

- (1) Vault barrier (2) Non-Medicated IUD  
(3) Copper releasing IUD (4) Cervical barrier

Sol. (2)

180. Detritivores breakdown detritus into smaller particles. This process is called :

- (1) Fragmentation (2) humification  
(3) Decomposition (4) Catabolism

Sol. (1)

NCERT 12<sup>th</sup> Page No. 243, 244

181. Which of the following is not a connective tissue ?

- (1) Adipose tissue (2) Cartilage  
(3) Neuroglia (4) Blood

Sol. (3)

NCERT 11<sup>th</sup> Page No. 102, 103

182. In which of the following animals, digestive tract has additional chambers like crop and gizzard ?

- (1) Bufo, Balaenoptera, Bangarus  
(2) Catla, Columba, Crocodilus  
(3) Pavo, Psittacula, Corvus  
(4) Corvus, Columba, Chameleon

Sol. (3)

NCERT 11<sup>th</sup> Page No. 58, 59

183. Given below are two statements :

**Statement I :**

Fatty acids and glycerols cannot be absorbed into the blood.

**Statement II :**

Specialized lymphatic capillaries called lacteals carry chylomicrons into lymphatic vessels and ultimately into the blood.

In the light of the above statements, choose the most appropriate answer from the options given below :

- (1) Both **Statement I** and **Statement II** are incorrect  
(2) **Statement I** is correct but **Statement II** is incorrect  
(3) **Statement I** is incorrect but **Statement II** is correct  
(4) Both **Statement I** and **Statement II** are correct

Sol. (4)

NCERT 11<sup>th</sup> Page No. 265

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**184.** Select the incorrect statement with reference to mitosis :

- (1) Spindle fibres attach to centromere of chromosomes
- (2) Chromosomes decondense at telophase.
- (3) Splitting of centromere occurs at anaphase.
- (4) All the chromosomes lie at the equator at metaphase.

**Sol. (1)**

**NCERT 11<sup>th</sup> Page No. 164, 165, 167**

**185.** At which stage of life the oogenesis process is initiated ?

- (1) Embryonic development stage
- (2) Birth
- (3) Adult
- (4) Puberty

**Sol. (1)**

**NCERT 12<sup>th</sup> Page No. 48**

### SECTION - B

**186.** The recombination frequency between the genes a & c is 5%, b & c is 15%, b & d is 9%, a & b 20%, c & d is 24% and a & d is 29%. What will be the sequence of these genes on a linear chromosome ?

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

**Sol. (3)**

**NCERT 12<sup>th</sup> Page No. 83, 84**

**187.** Which one of the following statements is correct ?

- (1) The tricuspid and the bicuspid valves open due to the pressure exerted by the simultaneous contraction of the atria
- (2) Blood moves freely from atrium to the ventricle during joint diastole.
- (3) Increased ventricular pressure causes closing of the semilunar valves.
- (4) The atrio-ventricular node (AVN) generates an action potential to stimulate atrial contraction

**Sol. (2)**

**NCERT 11<sup>th</sup> Page No. 284, 285**

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188. Given below are two statements :

**Statement I :**

In a scrubber the exhaust from the thermal plant is passed through the electric wires to charge the dust particles.

**Statement II :**

Particulate matter (PM 2.5) can not be removed by scrubber but can be removed by an electrostatic precipitator.

In the light of the above statements, choose the most appropriate answer from the options given below :

- (1) Both **Statement I** and **Statement II** are incorrect
- (2) **Statement I** is correct but **Statement II** is incorrect
- (3) **Statement I** is incorrect but **Statement II** is correct
- (4) Both **Statement I** and **Statement II** are correct

Sol. (3)

NCERT 12<sup>th</sup> Page No. 271

189. Match List-I with List-II

**List-I**

- (a) Bronchioles
- (b) Goblet cell
- (c) Tendons
- (d) Adipose Tissue

**List-II**

- (i) Dense Regular Connective tissue
- (ii) Loose Connective Tissue
- (iii) Glandular Tissue
- (iv) Ciliated Epithelium

Choose the correct answer from the options given below :

- (1) (a) – (i), (b) – (ii), (c) – (iii), (d) – (iv)
- (2) (a) – (ii), (b) – (i), (c) – (iv), (d) – (iii)
- (3) (a) – (iii), (b) – (iv), (c) – (ii), (d) – (i)
- (4) (a) – (iv), (b) – (iii), (c) – (i), (d) – (ii)

Sol. (4)

NCERT 11<sup>th</sup> Page No. 102, 103

190. Ten E.coli cells with <sup>15</sup>N-dsDNA are incubated in medium containing <sup>14</sup>N nucleotide. After 60 minutes, how many E.coli cells will have DNA totally free from <sup>15</sup>N?

- (1) 40 cells
- (2) 60 cells
- (3) 80 cells
- (4) 20 cells

Sol. (2)

NCERT 12<sup>th</sup> Page No. 104, 105

191. Select the incorrect statement regarding synapses :

- (1) Electrical current can flow directly from one neuron into the other across the electrical synapse.
- (2) Chemical synapses use neurotransmitters
- (3) Impulse transmission across a chemical synapse is always faster than that across an electrical synapse.
- (4) The membranes of presynaptic and postsynaptic neurons are in close proximity in an electrical synapse.

Sol. (3)

NCERT 11<sup>th</sup> Page No. 319

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**192.** Which of the following are **not** the effects of parathyroid hormone ?

- (a) Stimulates the process of bone resorption
- (b) Decreases  $\text{Ca}^{2+}$  level in blood
- (c) Reabsorption of  $\text{Ca}^{2+}$  by renal tubules
- (d) Decreases the absorption of  $\text{Ca}^{2+}$  from digested food
- (e) Increases metabolism of carbohydrates

Choose the most appropriate answer from the options given below :

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

**Sol. (1)**

**NCERT 11<sup>th</sup> Page No. 334**

**193.** Which of the following statements is not true ?

- (1) Sweet potato and potato is an example of analogy
- (2) Homology indicates common ancestry
- (3) Flippers of penguins and dolphins are a pair of homologous organs
- (4) Analogous structures are a result of convergent evolution

**Sol. (3)**

**NCERT 12<sup>th</sup> Page No. 130, 131**

**194.** If a colour blind female marries a man whose mother was also colour blind , what are the chances of her progeny having colour blindness ?

- (1) 50 %
- (2) 75 %
- (3) 100 %
- (4) 25 %

**Sol. (3)**

**NCERT 12<sup>th</sup> Page No. 89**

**195.** Which of the following is a **correct** statement ?

- (1) Bacteria are exclusively heterotrophic organisms
- (2) Slime moulds are saprophytic organisms classified under Kingdom Monera.
- (3) Mycoplasma have DNA, Ribosome and cell wall
- (4) Cyanobacteria are a group of autotrophic organisms classified under kingdom Monera.

**Sol. (4)**

**NCERT 11<sup>th</sup> Page No. 20**

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199. Statements related to human insulin are given below:

Which statement (s) is/are **correct** about genetically engineered Insulin?

- (a) Pro-hormone insulin contain extra stretch of C-peptide.
- (b) A-peptide and B-peptide chains of insulin were produced separately in E.coli, extracted and combined by creating disulphide bond between them.
- (c) Insulin used for treating Diabetes was extracted from Cattles and Pigs.
- (d) Pro-hormone Insulin needs to be processed for converting into a mature and functional hormone.
- (e) Some patients develop allergic reactions to the foreign insulin.

Choose the **most appropriate** answer from the options given below :

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

Sol. (1)

NCERT 12<sup>th</sup> Page No. 210, 211

200. Select the **incorrect** statement with respect to acquired immunity.

- (1) Anamnestic response is elicited on subsequent encounters with the same pathogen.
- (2) Anamnestic response is due to memory of first encounter.
- (3) Acquired immunity is non-specific type of defense present at the time of birth
- (4) Primary response is produced when our body encounters a pathogen for the first time.

Sol. (3)

NCERT 12<sup>th</sup> Page No. 151

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# NV Sir को बिजनेस वर्ल्ड डिस्कर्ट 40 अंडर 40 Award

शिक्षा के क्षेत्र में उल्लेखनीय कार्य के लिए किया सम्मान

### कोटा

मोशन एजुकेशन के फाउंडर और सीईओ नितिन विजय को ज.नी-म.नी बिजनेस वर्ल्ड डिस्कर्ट 40 अंडर 40 से सम्मानित किया गया है। शिक्षा के क्षेत्र में उल्लेखनीय कार्य के लिए उन्हें यह सम्मान दिया गया।

गुरुग्राम के होटल लीला पैलेस में आयोजित समारोह में सम्मान पर प्रतिक्रिया में विजय ने कहा— मैं शिक्षा की काशी कहलाने वाले कोटा से आता हूँ और एक शिक्षक



के रूप में पहचाना जाता हूँ। कभी सोचा नहीं था कि एक उद्यमी के रूप में अवार्ड मिलेगा। उन्होंने अपनी उपलब्धि माता-पिता, पत्नी, मोशन टीम और विद्यार्थियों को समर्पित की। इस मौके पर विजय ने कहा कि हम शिक्षा की गुणवत्ता बढ़ाने और लागत कम करने के मिशन पर कार्य कर रहे हैं। फ्लूटमाइजेशन ऑफ एजुकेशन की ओर जा रहे हैं। उन्होंने कहा— हेल्थ केयर के क्षेत्र में जब भी पेशेंट आता है तो उसको बलाना पड़ता कि उसे क्या बीमारी है। दूसरी ओर हर बच्चा अलग होता है लेकिन बच्चों को एक जैसी ही शिक्षा दी जाती है जबकि उनकी समस्या का समाधान अलग-अलग ही होता है। गौरतलब है कि सम्मान समारोह का आयोजन नई दिल्ली आधारित ज.नी-म.नी बिजनेस वर्ल्ड डिस्कर्ट 40 अंडर 40 से सम्मानित किया गया था। इस पत्रिका का प्रकाशन 1983 में टेलीग्राफ की प्रकाशक आनंद बाजार पत्रिका ने शुरू किया था। अनुराग बत्रा इसके संपादक हैं।



मोशन एजुकेशन के फाउंडर— सीईओ नितिन विजय को बिजनेस वर्ल्ड की ओर से बेस्ट इंटरप्रेन्योर अवार्ड—40 अंडर 40 के समारोह का वीडियो देखने के लिए यह क्यू आर कोड स्कैन करें।



## कोटा अब मोशन में है नॉलेज के ऑशन में है...

स्टेशन पर अब ऑटो वाले बैगा कोर्चिस के डायरेक्शन में है, राजीव गांधी नगर हो या जवाहर नगर, सारे होस्टल्स, पीजी भी फुल ऑन टशन में है, क्योंकि कोटा अब मोशन में है।

विद्यार्थी की चहक और गरमा-गरम कचौड़ियाँ की महक के साथ पोहे, पेटीज और मोमोस भी फिर से सर्विलेसन में है क्योंकि कोटा अब मोशन में है।

क्लास में फिर बच्चों की खिलखिलाहट सुनकर हर टीचर के चेहरे पर मुस्कान है, स्टूडेंट्स भी अपनी आँखों में

जेईई—नीट जैक करने के सपने लिए क्लासरूम में पढ़ रहे पूरे डिवोशन में है, क्योंकि कोटा अब मोशन में है। अब क्लासरूम से कैंपस तक हर जगह है शोर, एनबी सर कोई हंसगुल्ला छोड़े तो जोर से आवाज आती है वन्स मोर, डाउट कार्डर के बाहर स्टूडेंट्स भी अपने हर डाउट को नोट किए इंतजार—ए—सॉल्यूशन में है, क्योंकि कोटा अब मोशन में है।

स्टेशनरी पर सिर्फ आरडी शर्मा, एचवी वर्मा सुनाई देता है, हर गली, कॉलोनी में बच्चों का जमावड़ा दिखाई देता है,



Nitin Vijay (NV Sir)



Amit Verma (AV Sir)



Dr. Ashish Maheshwari (AM Sir)



Jitendra Chandwani (JC Sir)



Ashish Bajpai (AB Sir)



Lalit Vijay (LV Sir)

## MEET WITH NV SIR & NEET DIRECTORS TEAM

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### नीट में चयनित विद्यार्थी इन कॉलेज में ले सकते है एडमिशन

18 लाख विद्यार्थी दे रहे हैं नीट 2022 की परीक्षा, 612 मेडिकल कॉलेज और 91927 सीट्स के लिए परीक्षा का आयोजन

नीट, मेडिकल जैसे विभिन्न पाठ्यक्रमों में उम्मीदवारों को प्रवेश देने के लिए स्वयं की प्रवेश परीक्षा का संचालन करता है। इस बार NEET 2022 का कट ऑफ प्रतिशत अंको के रूप में जारी किया जाएगा, कट ऑफ परीक्षार्थी के योग माने जाने का मापदंड होता है। परीक्षार्थियों द्वारा प्रवेश परीक्षा में प्राप्त किये गए अंको के आधार पर प्रतिशत अंक की गणना की जाएगी और फिर आगे सामान्य प्रक्रिया लागू होगी। जो परीक्षार्थी NEET 2022 की कट-ऑफ के बराबर या उससे अधिक अंक प्राप्त करेंगे,

केवल उन्हें ही प्रवेश की आगामी प्रक्रियाओं के लिए योग्य घोषित किया जाएगा। परीक्षा उत्तीर्ण करने के बाद, उम्मीदवार योग्य है या नहीं यह जानने के लिए मेरिट प्रतिशत को ध्यान में रखा जाएगा। मेरिट सूची में अधिकारियों द्वारा विशेष श्रेणियों में उपलब्ध सीटों की संख्या से चार गुना ज्यादा परीक्षार्थियों को शामिल किया जाएगा। प्रत्येक श्रेणी में अंतिम परीक्षार्थी द्वारा प्राप्त किया गया प्रतिशत स्कोर NEET 2022 का मेरिट कट ऑफ बन जाएगा।

### TOP COLLEGES ON THE BASIS OF AIIMS 2021

Top Government Medical College	Seats	UR Rank	OBC Rank	SC Rank	ST Rank
AIIMS New Delhi	125	53	256	875	4820
AIIMS Jodhpur	125	8855	1242	84045	16903
AIIMS Bhopal	125	572	1235	7905	24629
AIIMS Bibi Nagar Telangana	62	19796	6841	34449	49612
AIIMS Bhubaneswar	125	3719	1306	7136	63824
AIIMS Bathinda	100	8855	3130	84045	48344
AIIMS Mangalagiri	125	4388	6544	27923	46174
AIIMS Rishikesh	125	7027	1836	14388	51247
AIIMS Raipur	125	17941	2146	23342	58873
AIIMS Kalyani	125	12259	6856	49984	66326
AIIMS Patna	125	12041	19793	105598	60121
AIIMS Guwahati	50	5580	20156	43097	81716
AIIMS Bilaspur	50	4142	7191	42343	63142
AIIMS Nagpur	125	18186	3394	21841	45713
AIIMS Guwahati	50	8319	8483	105837	71700
AIIMS Gorakhpur	125	3437	4662	34677	62192
AIIMS Jammu	50	8115	20074	86250	64858
AIIMS Rai Bareilly	100	4572	5080	103776	62084
AIIMS Deoghar	62	6318	19831	104065	124211

### JIPMER 2021

JIPMER Puducherry	150	26107	42658	906861	146530
JIPMER Karaikal	50	62036	49453	NA	171972

### TOP COLLEGES ON THE BASIS OF NEET ( ALL INDIA QUOTA) 2021

Top Government Medical College	UR Rank	OBC Rank	SC Rank	ST Rank
Maulana Azad Medical College, New Delhi	87	372	6966	1438
Stanley Medical College, Chennai	9446	12003	106238	55081
University College of Medical Science, New delhi	2085	830	16798	3319
Lady Hardinge Medical College, Delhi	579	1127	37077	8726
Seth Gordhandas Sunderdas Medical College, Mumbai	773	6783	56313	26577
Grant Medical College, Mumbai	18292	10505	94949	103436
Madras Medical College, Chennai	755	3728	55718	39570
Vardhman Mahavir College, Delhi	143	472	12809	28650
SMS Medical College, Jaipur	731	19765	26396	20366
SN Medical College, Jodhpur	19737	8496	54600	66248
Government Medical College Hospital, Patiala	4492	20651	117465	55398
Lokamanyu Tilak Municipal Medical College, Mumbai	4264	14527	111607	106911
R.G. Kar Medical College and Hospital, Kolkata	1674	3468	76324	11687
Gandhi Medical College, Secunderabad	4014	5997	35330	42201
B. J Medical College, Ahmedabad	721	2168	124146	9767

**आपकी करोड़ों में एक लाइली को,  
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**NEET 2023/24 की तैयारी!**



- ◆ **Why is there a requirement for a separate girls' NEET batch?**  
Comparing the registration ratio of students in the NEET programs, it is discovered that the ratio of girls in the NEET batch is always high. Hence, to maintain the comfort zone of girls and discipline in the batch, Motion Education has divided the NEET batches. There is not only a separate batch for girls and boys but also the batch strength is limited. Through this, students enrolled in the NEET girls batch get the proper attention of their faculties. In addition, this batch is safe and conducted during the even hours so that girls don't face trouble coming to classes.
- ◆ **What are the benefits of joining the NEET girls batch?**  
There are many benefits that students can avail themselves of through the classroom course of NEET program. Some of these include:
  - ❖ Get the guidance of Kota's top NEET faculties
  - ❖ Comprehensive study material
  - ❖ Regular doubt support
  - ❖ Exam pattern-based test series (weekly/monthly test)
  - ❖ DPP, PYQs, CPS, and access to Motion Learning App
- ◆ **What will be the teaching medium of the lectures and study material provided to aspirants in the NEET girls batch?**  
Motion's priority is to facilitate the best resources and aid to students of both English and Hindi mediums. This is the reason we conduct classes for English as well as Hindi medium students. Study material distributed to students is also based on the choice of medium they opt for during the registration.
- ◆ **Is the fee structure for classes XI, XII and XII passed the same?**  
The discounted fee for enrollment in the NEET girls batch is 75,000 INR per year. All the girls enrolling in this NEET program whether they are in class XI, XII or drop year have to only pay 75,000 INR. Also, there will be no extra charges taken for the facilities offered by Motion Education like the study material and unlimited access to Motion Learning App.

◆ मोशन प्रयास के अंतर्गत विद्यार्थियों को क्या-क्या सुविधाएं मिलेंगी?  
मोशन प्रयास के अंतर्गत कोचिंग, हॉस्टल, भोजन एवं स्कूल की सुविधा दी जाएगी जिससे परिजन इन सभी आवश्यकताओं की उपलब्धता एवं गुणवत्ता को लेकर निश्चित हो सकें एवं विद्यार्थी अपना सम्पूर्ण ध्यान प्रतियोगी परीक्षा की तैयारी में लगा सकें।

◆ मोशन प्रयास में प्रवेश लेने वाले विद्यार्थियों को पाठ्य सामग्री किस भाषा में प्राप्त होगी?  
मोशन प्रयास के अंतर्गत विद्यार्थियों की सुविधानुसार सम्पूर्ण पाठ्य सामग्री (स्टडी मटेरियल), टेस्ट सीरीज, डेली प्रॉब्लम प्रेक्टिस शीट इत्यादि हिंदी माध्यम में उपलब्ध होगी जिससे उन्हें समझने में कोई समस्या ना हो और विद्यार्थी मन लगाकर अध्ययन कर सकें।

◆ क्या हॉस्टल, स्कूल एवं भोजन आदि की फीस मोशन प्रयास की फीस के अतिरिक्त होगी?  
मोशन प्रयास में एडमिशन लेने वाले विद्यार्थियों के लिए कोचिंग एवं स्कूल के साथ साथ ही 31 मार्च 2023 तक हॉस्टल एवं भोजन की सभी सुविधाएं एक ही फीस में होगी। जहां प्रयास कोर्स फीस रूप 160000/- जमा कराने के पश्चात विद्यार्थी पूरी तरह से मोशन एजुकेशन की जिम्मेदारी पर होगा।

◆ मोशन प्रयास में 11वीं एवं 12वीं के हिंदी-इंग्लिश जैसे अनिवार्य विषय की तैयारी के लिए कोई सुविधा होगी?  
मोशन प्रयास के अंतर्गत आवश्यकता अनुसार बोर्ड परीक्षाओं की दृष्टि से हिंदी एवं इंग्लिश जैसे विषयों की तैयारी भी विषय विशेषज्ञों द्वारा करवाई जाएगी जिससे विद्यार्थी को बेहतर बोर्ड स्कोर में भी मदद मिल सकेगी।

◆ मोशन प्रयास के अंतर्गत छात्र एवं छात्राओं के लिए किस तरह से हॉस्टल की सुविधा प्रदान की जाएगी?  
मोशन प्रयास में छात्र एवं छात्राओं के लिए

पृथक-पृथक हॉस्टल की व्यवस्था होगी जिससे वे शांत एवं सुरक्षित वातावरण में अध्ययन कर सकें।

◆ मोशन प्रयास के अंतर्गत अध्ययन करने वाले विद्यार्थियों को क्लासरूम कोचिंग के अतिरिक्त और क्या सुविधा मिलेगी?  
मोशन प्रयास के अंतर्गत अध्ययन करने वाले विद्यार्थियों को क्लासरूम कोचिंग के अतिरिक्त मोशन लर्निंग एप की सुविधा भी दी जाएगी जिससे वे वीडियो लेक्चर के माध्यम से रिवीजन कर सकते हैं और क्लास की लाइव रिकॉर्डिंग को फिर से दोहराने के साथ साथ ही अपने स्तर के अनुसार टेस्ट देकर अपनी तैयारी को परख सकते हैं।

◆ मोशन प्रयास में क्या केवल मेडिकल एवं इंजीनियरिंग की तैयारी करावाई जाएगी। 12वीं बोर्ड की तैयारी कैसे करें?  
मोशन प्रयास के अंतर्गत हर छोटे से लेकर बड़े टॉपिक को इस तरह से पढ़ाया जाएगा कि विद्यार्थियों को मेडिकल अथवा इंजीनियरिंग के साथ ही 11वीं एवं 12वीं की भी तैयारी हो सके। विद्यार्थियों को इसके लिए अतिरिक्त कोचिंग लेने की आवश्यकता नहीं होगी।

◆ मोशन प्रयास में फीस जमा करने का तरीका?  
मोशन प्रयास कोर्स में रजिस्ट्रेशन होने के बाद स्टूडेंट बैंक की ब्याज रहित आसान मासिक किश्तों में अपनी फीस जमा कर सकता है।

◆ मोशन प्रयास में कौन-कौन सी कक्षा का प्रस्ताव दिया जा रहा है?  
मोशन प्रयास में कक्षा 11वीं अथवा 12वीं साइंस के विद्यार्थियों को मेडिकल अथवा इंजीनियरिंग प्रवेश के साथ साथ बोर्ड परीक्षा एवं 12वीं पास विद्यार्थियों को पूरी तरह से मेडिकल अथवा इंजीनियरिंग प्रवेश परीक्षा की तैयारी करवाई जावेगी।

कोटा कोचिंग में पहली बार...

हिन्दी माध्यम  
के विद्यार्थियों की कामयाबी का  
**मोशन प्रयास**

**नीट एवं जेईई**  
कक्षा 11वीं, 12वीं एवं  
12वीं पास विद्यार्थियों के लिए



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30 TIMES

**OLYMPIADS (6TH TO 10TH)**

1105+	50+	168+	150+
PRMO	IJSO	NTSE	NSO & IOS
105+	37+	269+	97+
IMO	ITHO	NSTSE	IEO
			RMO



**NITIN VIJAY (NV Sir)**  
Founder & CEO

**NATION'S BEST SELECTION**  
PERCENTAGE (%) RATIO

**STUDENT QUALIFIED**  
IN NEET

2021 3296 / 3411 = **93.12%**  
2020 2663 / 2843 = **93.66%**  
2019 2041 / 2212 = **92.27%**

**STUDENT QUALIFIED**  
IN JEE ADVANCED

2021 1256 / 2994 = **41.95%**  
2020 994 / 2538 = **39.16%**  
2019 969 / 2105 = **36.53%**

**STUDENT QUALIFIED**  
IN JEE MAIN

2021 2994 / 4089 = **73.25%**  
2020 2538 / 3554 = **71.44%**  
2019 2288 / 3316 = **68.99%**

Dear Students,

Which one would you choose a rank or just the selection? If you take my advice don't pressurize yourself, just concentrate on your studies and continue working hard. Once a student starts preparing for NEET/JEE exam, their entire focus must be on systematic preparation for the selection. At Motion Education, we ensure to cater to every student's need, our teachers impart lessons after understanding the psychology of students and help them in attaining stress-free results. Through our Classroom program aided with technology, we facilitate a highly advanced nurturing platform & believe in Customising studying techniques helping students in strengthening their concepts and making their exam preparations more effective.

**NITIN VIJAY (NV Sir)** Founder & CEO

Admission Open for **KOTA CLASSROOM**  
Class 5th to 12th Pass Students

JEE | NEET | NTSE | Boards | Olympiads

Class 12th to 13th Moving Students  
**NEET 2023**  
**ACHIEVER BATCH**

Starting From : 20th & 27th July 2022

English & Hindi Medium

Class 10th to 11th Moving Students  
**NEET 2024**  
**NURTURE BATCH**

Starting From : 27th July 2022

English & Hindi Medium

Get upto **100% SCHOLARSHIP**  
on the basis of NEET 2022

NEET Score	FEE After Scholarship
600+	10,000 (Kit Cost)
571-600	22,881
551-570	34,322
531-550	40,042
511-530	45,762
491-510	51,483
471-490	57,203
451-470	62,923
431-450	68,644
351-430	80,084
Only Qualified	91,525

\*GST Extra

For more details about course : <https://bit.ly/neet2023dropperbatch>



**1800 212 1799**

Corporate Office : 394, Rajeev Gandhi Nagar, Kota (Raj.) | [www.motion.ac.in](http://www.motion.ac.in)

JEE Campus (At Kota) : "Drona" E-5-II, Road Number 1, Industrial Area | NEET Campus (At Kota) : "Daksh" 638, Near CAD Circle, Dadabari

No Cost  
EMI  
available