



# MNS 2021

**Fastest, Accurate, Complete Question Paper**

**& Answer of I-II Shift , Expected Cutoff**

**LIVE ((📺)) 4:30 PM , 28 JULY 2021**



**Q. Ovulation is occurred on which stage**

**Ans. Proliferative phase**



**SECTION  
BIOLOGY**

**SHIFT 1**



**Q. Technology of biogas production from cow dung was developed in India largely due to efforts of**

**Ans. IARI & KVIC**



**SECTION  
BIOLOGY**

**SHIFT 1**



**Q. Peyer's patches are groupings  
of lymphoid follicles**

Ans. small intestine



**SECTION  
BIOLOGY**

**SHIFT 1**



**Q. Secondary oocyte is present in which follicle**

Ans. Graffian follicle



**SECTION  
BIOLOGY**

**SHIFT 1**





**SECTION**  
**BIOLOGY**

**SHIFT 1**

**Q. Secretion in human cell due to**

- (a) ER
- (b) Golgi body
- (c) Nucleolus
- (d) None

Ans. (b)



**Q. Presence of what in urine indicates diabetes mellitus?**

**Ans. Glucose & Ketone**



**SECTION  
BIOLOGY**

**SHIFT 1**



**Q. Blood vessels are lined by which tissue?**

**Ans. Squamous Epithelium**



**SECTION  
BIOLOGY**

**SHIFT 1**





**Q. Which test is done to detect Typhoid?**

**Ans. Widal Test**



**SECTION  
BIOLOGY**

**SHIFT 1**



**Q. Who gave law of Octaves?**

**Ans. Newland**



**SECTION  
BIOLOGY**

**SHIFT 1**





**SECTION**  
**BIOLOGY**

**SHIFT 1**

**Q. Plasma membrane is**

- (a) permeable
- (b) semi-permeable

Ans. (b)



**Q. When milk turns into curd,  
which Vitamin increases?**

**Ans. Vitamin B<sub>12</sub>**



**SECTION  
BIOLOGY**

**SHIFT 1**



**Q. Who gave chromosomal theory of inheritance?**

**Ans. T.H. Morgan**



**SECTION  
BIOLOGY**

**SHIFT 1**

**Q. Smack obtained from which plant?**

**Ans. Papaver Somniferum**



**SECTION  
BIOLOGY**

**SHIFT 1**



**Q. ADA gene therapy related to**

**Ans. Lymphocyte**



**SECTION  
BIOLOGY**

**SHIFT 1**



**Q. Outer layer of Ovum**

Ans. Corona radiata



**SECTION  
BIOLOGY**

**SHIFT 1**





**Q. Infectious disease**

**Ans. Influenza**



**SECTION**  
**BIOLOGY**

**SHIFT 1**



**Q. Another Name of Christmas disease**

**Ans. Haemophilia B**



**SECTION  
BIOLOGY**

**SHIFT 1**



**Q. HIV is not transfer through**

**Ans. Hand shake**



**SECTION**  
**BIOLOGY**

**SHIFT 1**



**Q. Chikangunya is caused by**

**Ans. Aedes Mosquito**



**SECTION  
BIOLOGY**

**SHIFT 1**



**Q. Corona virus name is due to the**

**Ans. Crown**



**SECTION  
BIOLOGY**

**SHIFT 1**



**Q. Fruit ripening gas is**

**Ans. Ethylene**



**SECTION**  
**BIOLOGY**

**SHIFT 1**



**Q. Where is secondary oocyte formed**

**Ans. Before fertilization**



**SECTION  
BIOLOGY**

**SHIFT 1**



**Q. Largest atomic size**

Ans. Ti, Be, B, C



**SECTION**  
**BIOLOGY**

**SHIFT 1**







**SECTION**  
**BIOLOGY**

**SHIFT 1**

**Q. Man-made polymer**

- (a) Nylon
- (b) Rayon
- (c) Teflon
- (d) All of the above

Ans. (d)





**SECTION**  
**BIOLOGY**

**SHIFT 1**

**Q. Predetermined disease  
detected by**

- (a) PCR
- (b) ELISA
- (c) RDT
- (d) All of the above

Ans. (d)



**Q. Infectious stage of Malarial parasite**

**Ans. Sporozoite of mosquito saliva**



**SECTION  
BIOLOGY**

**SHIFT 1**

**Q. GEAC full form**

Ans. Genetic Engineering Appraisal  
Committee



**SECTION**  
**BIOLOGY**

**SHIFT 1**



**Q. Cooking Gas is mixture of**

**Ans. Butane and Propane**



**SECTION**  
**BIOLOGY**

**SHIFT 1**



**Q. Leakage of LPG is due to**

**Ans. Ethyl Mercaptan**



**SECTION  
BIOLOGY**

**SHIFT 1**



**Q. Test of HIV**

Ans. ELISA



**SECTION**  
**BIOLOGY**

**SHIFT 2**



**Q. Antibodies present in colostrum**

Ans. igA



**SECTION  
BIOLOGY**

**SHIFT 2**





**Q. Antivenom occurs**

**Ans. Antibody**



**SECTION**  
**BIOLOGY**

**SHIFT 2**





**SECTION**  
**BIOLOGY**

**SHIFT 2**

**Q. Ringworm is not occurs due to**

- (a) Trichoderma
- (b) Epidermophyton
- (c) Microsporum
- (d) Megasporum

Ans. (d)



**Q. Dengue fever is due to**

**Ans. Aedes mosquito**



**SECTION**  
**BIOLOGY**

**SHIFT 2**

**Q. Central rice institute**

Ans. Cuttack



**SECTION**  
**BIOLOGY**

**SHIFT 2**



**Q. T.B. is**

**Ans. Bacterial disease**



**SECTION**  
**BIOLOGY**

**SHIFT 2**



**Q. Ripen part of fruit is**

**Ans. Middle Lamella**



**SECTION  
BIOLOGY**

**SHIFT 2**



**Q. Highest lattice energy**

Ans. L.E.  $\propto \frac{1}{\text{size}}$



**SECTION  
BIOLOGY**

**SHIFT 2**



**Q. Osmoregulation/ Temperature regulation to calcium**

**Ans. Vitamin D**



**SECTION  
BIOLOGY**

**SHIFT 2**





**Q. Polio Vaccine**

Ans. Active immunity



**SECTION**  
**BIOLOGY**

**SHIFT 2**



**Q. Nucleoid**

Ans. Present only nucleic acid



**SECTION**  
**BIOLOGY**

**SHIFT 2**





**SECTION  
BIOLOGY**

**SHIFT 2**

**Q. Which of the following is not lymphoid organ**

- (a) Spleen
- (b) Small intestine
- (c) Thymus
- (d) Pancreas

Ans. (d)



**Q. The fruit wall is called**

**Ans. Pericarp**



**SECTION  
BIOLOGY**

**SHIFT 2**



**Q. The ovary develops into what?**

**Ans. Fruit**



**SECTION  
BIOLOGY**

**SHIFT 2**



**Q. Liquid hydrocarbon gets converted into gaseous hydrocarbon by the process of?**

**Ans. Cracking**



**SECTION  
CHEMISTRY**

**SHIFT 1**





**SECTION**  
**CHEMISTRY**

**SHIFT 1**

**Q. Which is formed without distillation?**

- (a) wine
- (b) Rum
- (c) Whiskey

Ans. (a)



**Q. Fe absorbed in plants by the form of**

**Ans. Ferric**



**SECTION  
CHEMISTRY**

**SHIFT 2**





**Q. Friedal craft reaction catalyst**

Ans. Lewis Acid (present in Benzene)



**SECTION  
CHEMISTRY**

**SHIFT 2**





**SECTION  
CHEMISTRY**

**SHIFT 2**

**Q. N/10 of NaOH, what is the pH value of NaOH-**

(a) 10

(b) 11

(c) 12

(d) 13

Ans. (d)





**SECTION  
PHYSICS**

**SHIFT 1**

**Q. A solid black body of radius 12 cm emits 425 W power at 500 K. What will be the power emitted if radius is halved and temperature is doubled?**

**Ans. 1700 Watt**





**SECTION  
PHYSICS**

**SHIFT 1**

**Q. Some amount of force is applied on a body of mass 12 kg and acceleration  $5\text{m/s}^2$ , if the same force is applied on a body of mass 10 kg, what will be the acceleration?**

**Ans.  $6\frac{m}{s^2}$**





**SECTION  
PHYSICS**

**SHIFT 1**

**Q. If the element emit twice amount of beta particles than alpha, then the daughter nuclei will be**

- (a) isotope**
- (b) isomer,**
- (c) Isotone**

**Ans. (a)**



## Shift-1

Synonyms	5
Antonyms	5
Idioms and Phrases	5
One word substitution	5
Fill in the blanks....	5
Jumbled Sentences	5
Prepositions	5
Fillings verbs	5
Conjunction	5
Spelling correction	3



**SECTION**  
**ENGLISH**



**Q. Correct Spelling of Necessity**

Ans. Necessity



**SECTION  
ENGLISH**

**SHIFT 1**



**Q. Spelling correction of word  
consansus.**

**Ans. Consensus**



**SECTION  
ENGLISH**

**SHIFT 1**





**Q. Correct Spelling of Supprassor.**

**Ans. Suppressor**



**SECTION  
ENGLISH**

**SHIFT 1**



**Q. Correct Spelling of Expedition.**

Ans. Expedition



**SECTION  
ENGLISH**

**SHIFT 1**





**SECTION  
ENGLISH**

**SHIFT 1**

**Q. Idiom to turn on new leaf**

Ans. To change one's behavior,  
usually in a positive way.



**Q. Idiom of 'in the nut shell'.**

**Ans. Crux or All in all**



**SECTION  
ENGLISH**

**SHIFT 1**



**Q. Idiom of 'small fry'.**

**Ans. Insignificant people**



**SECTION  
ENGLISH**

**SHIFT 1**





**SECTION  
ENGLISH**

**SHIFT 1**

**Q. Idiom - to throw dust in  
eyes**

Ans. To make someone fool  
or mislead someone





**SECTION  
ENGLISH**

**SHIFT 1**

**Q. Antonym of Melodious**

**Ans. Discordant**

Inharmonious

Grating

Unlyrical





**SECTION  
ENGLISH**

**SHIFT 1**

**Q. Antonym of vulnerable**

**Ans. Invulnerable**

**Solid**







**SECTION  
ENGLISH**

**SHIFT 1**

**Q. Antonym of Impartial**

Ans. Unfair

Discriminating





**SECTION  
ENGLISH**

**SHIFT 1**

**Q. Antonym of Volatile**

Ans. Fixed

Persistent





**SECTION  
ENGLISH**

**SHIFT 1**

**Q. Antonym of Luxurious**

Ans. Ordinary

Reasonable

Economical





**SECTION  
ENGLISH**

**SHIFT 1**

**Q. Antonym of Jovial**

Ans. Miserable

Unhappy





**SECTION  
ENGLISH**

**SHIFT 1**

**Q. Synonym of Ineffable**

Ans. Unspeakable  
Indescribable





**SECTION  
ENGLISH**

**SHIFT 1**

**Q. Synonym of Apathy**

Ans. Dullness

Insensibility





**SECTION  
ENGLISH**

**SHIFT 1**

**Q. Synonym of Intertwined**

Ans. Twist

Coil

Interlace





**SECTION  
ENGLISH**

**SHIFT 1**

**Q. Synonym of recapitulation**

**Ans. Repeat**

**Summarize**







**SECTION  
ENGLISH**

**SHIFT 1**

**Q. Synonym of Indolent.**

**Ans. Lazy  
Idle**





**Q. The moon ..... in the evening.**

**Ans. Shines**

**SECTION  
ENGLISH**

**SHIFT 1**





**SECTION  
ENGLISH**

**SHIFT 1**

**Q. My father didn't go to office.....**

- (a) yesterday
- (b) tomorrow
- (c) now
- (d) None

Ans. (a)





**SECTION  
ENGLISH**

**SHIFT 1**

**Q. He is accused ..... Murder**

**Ans. Of**





**SECTION  
ENGLISH**

**SHIFT 1**

**Q. Sita ..... goes to school by bus**

(a) Seldom

(b) Now

Ans. (a)





**SECTION  
ENGLISH**

**SHIFT 1**

**Q. They are much ..... than we are.**

- A. Richest
- B. Rich
- C. more rich
- D. Richer
- E. None

Ans. (d)





**SECTION  
ENGLISH**

**SHIFT 1**

**Q. Bhagat Singh \_\_\_\_ his life for  
country.**

- (a) lay down
- (b) Laid down

**Ans. (b)**





**SECTION  
ENGLISH**

**SHIFT 1**

**Q. One Word Substitution**  
**To leave a country permanently**  
**emigrate**







**SECTION  
ENGLISH**

**SHIFT 1**

**Q. One Word Substitution**

**Too deep in thought**

Ans. Deliberation,

Deeply absorbed in thought



## Shift-2

Synonyms	5
Antonyms	5
Idioms and Phrases	5
One word substitution	5
Fill in the blanks....	5
Jumbled Sentences	5
Prepositions	5
Fillings verbs	5
Conjunction	5



**SECTION**  
**ENGLISH**





**SECTION  
ENGLISH**

**SHIFT 2**

**Q. Synonym of Sordid**

**Ans. meanly avaricious,  
mercenary**





**Q. Synonym of Apparent**

**Ans. obvious, clear**

**SECTION  
ENGLISH**

**SHIFT 2**





**SECTION  
ENGLISH**

**SHIFT 2**

**Q. Synonym of Enigma**

**Ans. puzzle**





**SECTION  
ENGLISH**

**SHIFT 2**

**Q. Synonym of Countered**

Ans. check, indicating  
opposition





**Q. Synonym of Meddle**

**Ans. to interrupt**

**SECTION  
ENGLISH**

**SHIFT 2**





**SECTION  
ENGLISH**

**SHIFT 2**

**Q. Antonym of Ravage**

**Ans. to mend, to improve**







**SECTION**  
**ENGLISH**

**SHIFT 2**

**Q. Antonym of Stern (strict)**

**Ans. flexible, mild, humble**





**SECTION  
ENGLISH**

**SHIFT 2**

**Q. Antonym of Auspicious**

Ans. (good omen, favorable)

Inauspicious





**SECTION  
ENGLISH**

**SHIFT 2**

**Q. Antonym of Spurious  
(fake, counterfeit)**

**Ans. real**





**SECTION  
ENGLISH**

**SHIFT 2**

**Q. Antonym of Tranquil  
(calm, pacify)**

**Ans. excite**





**SECTION  
ENGLISH**

**SHIFT 2**

**Q. Idiom 'Grease the palm'**

**Ans. to bribe**





**SECTION  
ENGLISH**

**SHIFT 2**

**Q. Idiom 'Drop like flies'**

**Ans. to die over a short period  
of time**





**SECTION  
ENGLISH**

**SHIFT 2**

**Q. One word substitution**

**Ans. Optimistic**



**Q. Which of the games is not included in Olympic games?**

**Ans. Cricket**



**SECTION**  
**GK**

**SHIFT 1**







**SECTION  
GK**

**SHIFT 1**

**Q. Indian Army has recently named firing range situated at Gulmarg after which celebrity?**

**Ans.**



**Q. ISRO headquarter**

**Ans. Bengaluru**



**SECTION**

**GK**

**SHIFT 1**



**Q. Smallest planet of Solar System**

**Ans. Mercury**



**SECTION**

**GK**

**SHIFT 1**

**Q. Chenab and Jhelum are tributaries of which river?**

**Ans. Indus**



**SECTION  
GK**

**SHIFT 1**



**Q. Oasis is associated**

**Ans. Desert**



**SECTION**

**GK**

**SHIFT 1**



**Q. Which country has world's largest foreign exchange reserves?**

**Ans. China**



**SECTION  
GK**

**SHIFT 1**





**SECTION**  
**GK**

**SHIFT 1**

**Q. Who was the first Indian women athlete to win an individual gold medal at Asian games?**

**Ans.**





**SECTION**  
**GK**

**SHIFT 1**

**Q. How many digits are in  
Indian pin code?**

**Ans. 6**





**Q. International Yoga day?**

**Ans. 21 June**



**SECTION**

**GK**

**SHIFT 1**



**Q. In which year was Delhi  
announced at Capital of India?**

**Ans. 1991**



**SECTION  
GK**

**SHIFT 1**

**Q. Who is the Current chief Justice of India?**

**Ans. N.V. Ramana**



**SECTION  
GK**

**SHIFT 1**



**Q. Which of the following is a satellite of mars?**

**Ans. Phobos & Demos**



**SECTION  
GK**

**SHIFT 1**



**SECTION**  
**GK**

**SHIFT 1**

**Q. Who was the first woman  
President of Indian National  
Congress?**

**Ans. Annie Besant**



**Q. Which prime minister of India served 2 short terms due to death of the prime ministers in office?**



**SECTION  
GK**

**SHIFT 1**



**Q. Second largest country in  
respect of land area is**  
**Ans. Canada**



**SECTION  
GK**

**SHIFT 1**



**Q. Full form of Wi-Fi**

**Ans. Wireless Fidelity**



**SECTION  
GK**

**SHIFT 1**





**Q. Full form of LAN**

**Ans. Local Area Network**



**SECTION  
GK**

**SHIFT 1**



**Q. 15<sup>th</sup> PM of India**

**Ans. Narendra Modi**



**SECTION**

**GK**

**SHIFT 1**



**Q. Author of 'life of Pi'**

**Ans. Yann Martal**



**SECTION**

**GK**

**SHIFT 1**



**Q. Author of Mother India**

**Ans. Catherin Mayo**



**SECTION**

**GK**

**SHIFT 1**



**Q. Ajanta and Ellora caves located?**

**Ans. Maharashtra**



**SECTION**  
**GK**

**SHIFT 1**



**Q. National science day date ?**

**Ans. 28 Feb**



**SECTION**  
**GK**

**SHIFT 1**



**Q. Mother India film actress name?**

**Ans. Nargis Dutt**



**SECTION  
GK**

**SHIFT 1**



**Q. World literacy day**

**Ans. 8 September**



**SECTION**  
**GK**

**SHIFT 1**



**Q. National Science Day**

**Ans. 28 February**



**SECTION**

**GK**

**SHIFT 1**



**Q. Pink city of India**

**Ans. Jaipur**



**SECTION**

**GK**

**SHIFT 1**



**SECTION**  
**GK**

**SHIFT 1**

**Q. UNESCO heritage added which epic .....**

- (a) Mahabharata**
- (b) Ramamyana**
- (c) Rig ved**

**Ans. (c)**



**Q. Second largest country in  
respect of land area is?**

**Ans. Canada**



**SECTION  
GK**

**SHIFT 1**

**Q. ODI 2023 men's match held in which country?**

**Ans. India**



**SECTION  
GK**

**SHIFT 1**



**Q. Manuscript is included in the  
UNESCO'S memory of world  
register**



**SECTION  
GK**

**SHIFT 1**

**Q. Microchip discovered by whom?**

**Ans. Robert Nyce**



**SECTION  
GK**

**SHIFT 1**



**Q. Total no. of articles in Indian constitution at the time of originated**

**Ans. 395**



**SECTION  
GK**

**SHIFT 1**







**SECTION**  
**GK**

**SHIFT 1**

**Q. Which river originates from western ghat?**

**Ans. Koyna, Krishna**



**Q. Which ruler abolished 'Sati'?**

**Ans. Aurangzeb**



**SECTION**

**GK**

**SHIFT 1**



**Q. Percentage of land area  
occupied by India**

**Ans. 2.4 %**



**SECTION  
GK**

**SHIFT 1**



**Q. Which space flight first landed on moon carrying humans?**

**Ans. Apollo 11**



**SECTION  
GK**

**SHIFT 1**



**SECTION**  
**GK**

**SHIFT 1**

**Q. Which is India's most important cash crop?**

- (a) tea
- (b) Cotton
- (c) Wheat

Ans. (b)



**Q. Which country shares the shortest border with India?**

- (a) China
- (b) Pakistan
- (c) Bhutan
- (d) Nepal

**Ans. (c)**



**SECTION  
GK**

**SHIFT 1**



**Q. Which country was called  
'Dutch East Indies'?**

**Ans. Holland**



**SECTION  
GK**

**SHIFT 1**



**SECTION**  
**GK**

**SHIFT 1**

**Q. The first modern olympic was started in which year?**

**Ans. 1896**





**Q. CANNAS award is given in which field**

**Ans. Film**



**SECTION**

**GK**

**SHIFT 2**



**Q. Fully electrified railway zone**

**Ans. West-Central railway**



**SECTION  
BIOLOGY**

**SHIFT 2**



**Q. Natya shastra written by whom**

**Ans. Bharatmuni**



**SECTION**

**GK**

**SHIFT 2**



**Q. Headquarter of United Nations**

Ans. New York, United States



**SECTION**

**GK**

**SHIFT 2**



**Q. Currency of China**

**Ans. Remnibi**



**SECTION  
BIOLOGY**

**SHIFT 2**



**Q. Which state of India launched a block chain technology for document?**

**Ans. Maharashtra**



**SECTION  
GK**

**SHIFT 2**



**Q. Oldest port of India is**  
**Ans. Hoogly, Kolkata**



**SECTION**  
**GK**

**SHIFT 2**



**Q. Hottest planet of the solar system is?**

**Ans. Venus**



**SECTION**  
**GK**

**SHIFT 2**





**Q. Mars mission launched by  
NASA name is?**

**Ans. Perseverance**



**SECTION  
GK**

**SHIFT 2**



**Q. Breaking of Fast in Ramzan is known is**

**Ans. Iftaar**



**SECTION**  
**GK**

**SHIFT 2**



**Q. Underwater rail tunnel in which State**

**Ans. Kolkata**



**SECTION  
GK**

**SHIFT 2**



**Q. Full form of NCERT**

**Ans. National Council of Education  
Research & Training**



**SECTION**

**GK**

**SHIFT 2**





**SECTION  
REASONING**

**SHIFT 1**

**Q. Which is odd?**

- (a) book
- (b) Pages
- (c) Index
- (d) Chapter

**Ans. (a)**





**SECTION  
REASONING**

**SHIFT 1**

**Q. Which is odd?**

- (a) Shimla
- (b) Ooty
- (c) Kullu
- (d) Manali

Ans. (b)



**Q. Caption: soldier:: Leader: ?**

Ans. Party



**SECTION  
REASONING**

**SHIFT 1**





**SECTION  
REASONING**

**SHIFT 1**

**Q. D is father of A A is sister in law of C and daughter of B ,than relation between A and D**

**Ans. Daughter-Father**







**SECTION  
REASONING**

**SHIFT 1**

**Q. A girl is standing in a line. She is in 11th position from both left & right side. How many girls are there in total?**

**Ans. 21**



**Q. FAME means LGSK then LION  
means?**

**Ans. Rout**



**SECTION  
REASONING**

**SHIFT 1**





- **MNS 2021 Shift 1 & 2 paper is available on [defenceguru.co.in](http://defenceguru.co.in)**
- **MNS 2021 Expected Cut-off Article**
- **MNS 2021 Exam Analysis Article**