AIIMS NURSING (UG)

Question Paper - 2022

(Memory Based)



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Dear students

This is a memory based question paper.

We have compiled this question paper on the basis of questions shared on social media and various third party platforms, after the exam.

We hope this helps you in clearing your exam with an excellent score.

It is an honor for us to be a part of your journey towards success.

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General Knowledge

Q1. Arrange in order from north to south-

1. **Srinagar**
2. **Bhopal**
3. **Banglore**
4. **Delhi**
5. **Mumbai**

Answer : 1,4,2,5,3

Q2. Odd one in respect to sharing international border-

1. **Rajasthan**
2. **Gujarat**
3. **Punjab**
4. **Himachal**

Answer : HP

Q3. RBI governor.

Q4. Main of the Justice system.

Q5. 300, 800, 900 votes to candidates , % of winner votes.

Answer : 45%

Q6. 

Answer : 4

Q7. Just one statement.

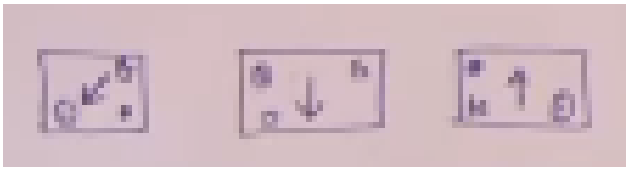
Answer : Doctor prescribe Medicine

Q8. Odd one out -

1. **Hockey**

2. Badminton
3. Tennis
4. Cricket

Answer : Badminton

Q9. 

Q10. I live in the S-E direction from the Police station. Police station is west of Grocery shop.So far grocery shop, i have to turn in-

Answer : North

Physics

Q1. Dimension of Magnetic field?

Q2. A ball of mass 10 kg moving with velocity 10 cm/s collides elasticity with a block of mass 1 kg which is at rest. Find velocity of work after collisions.

Q3. Which is used as a moderator in nuclear power plants.

Q4. n —-> P + e- +X, x is neutrino, anlinutrion

Q5. Terminal velocity Vr is 10 m/s for a steel ball of radius 5 cm, for a steel ball of 10 cm of radius. What is the value of g terminal velocity Vr2?

Q6. What is  **for a black body emission when T is 300 K.**

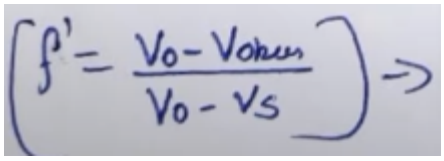
Q7. Carnot engine efficiency when absorb energy is 80 KJ and release energy is 60 KJ.

Q8. For monatomic gas work done in an adiabatic process.

Q9. If total energy of a SHM is equal to PE and time of oscillations is 10 s so when the wave attends kinetic energy?

Q10. The spring is connected to a mass of 2 kg.

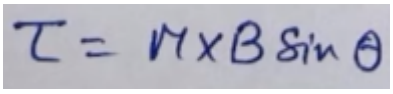
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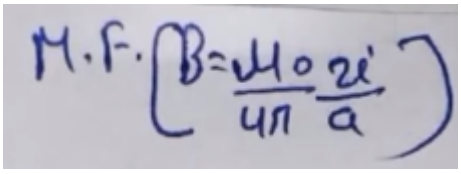
Q11.  source moving away.

Q12. Capacitors connect to one connection then second second energy lost in this position.

Q13. [I = VdenA] Vd = ?, I = 10 A, n = 10^{29}, $r = 0.5\,mm$

Q14. Protons and electrons have the same velocity, what is the relation of momentum?

Q15. 

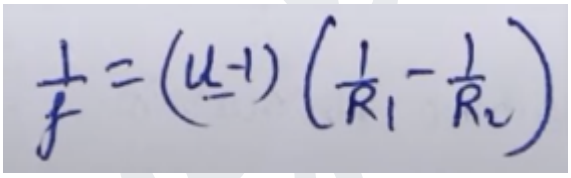
Q16. 

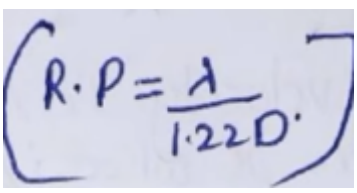
Q17. Example of Diamagnetic.

Q18. When Current rate is given, then find how much increase?

Q19. I = 15 H. R = 0.15 ohm, V = 200 V, I = ?

Q20. microwave > visible > UV

Q21. 

Q22. Resolving power of telescope 

Q23. Debroglie's wavelength for O2 at 300 K temperature.

Q24. When a electron have 5 x charge change in its Kinetic energy (V= given)

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Q25. Energy from "He" atom when it comes from the first encircled state to ground state?

Q26. Mass defect.

Q27. Find refractive index, f = given , λ = given

Biology

Q1. Heterosporous pteridophyte is?

Q2. Which hormone regulates the 24 hour cycle of the human body?

Q3. Visual activity & daylight → cones and Twinlight activity —> rods

Q4. Statement which is not correct —> Skeletal muscle are involuntary

Q5. Globulins work as —-> defense mechanism

Q6. Heart chambers in fish?

Q7. Oxygen dissociation curve of hemoglobin?

Q8. Root elongation promoted by which hormone?

Q9. Incorrect statement regarding Cu? (Cu plant)

Q10. Root nodule forming for N2 fixation?

Q11. Correct statement about Go phase of cell cycle?

Q12. Following structure is of—

Q13. Palindromic sequence is —

Q14. Fleming experiment on → step lyresi → Hinochism

Q15. Fingerprinting —> Allee jefry

Q16. Backbone of DNA helix correct statement

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Q17. Incorrect statement regarding Mitochondria → single makes

Q18. Earthworm → incurred by —> organ function

Q19. Absence of periodic cycle devein parturition is called?

Q20. Match the following :

	Column I		Column II
A.	Marginal	(i)	Sunflower, marigold
B.	Parietal	(ii)	Pea
C.	Axile	(iii)	Mustard, *Argemone*
D.	Free	(iv)	*Hibiscus*,tomato, lemon
E.	Basal	(v)	*Dianthus*, Primose

Answer : A- (ii), B - (iii), C - (iv), D - (v), E - (i)

Q21. Binomial nomenclature made by —>

Answer : Linnaeus

Q22. Sac fungi example →

Answer : morels, truffles, brewers' and bakers' yeast, dead man's fingers, and cup fungi.

Q23. Incorrect statement about virus?

Q24. We can conserve Pollen germplasm at 196 degree C.

Q25. "Cocaine" obtained from?

Q26. We can produce Haploid plants from?

Q27. Humification & mineralization are part of which process?

Q28. Diseases related to bacteria.

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