## **COMPETITIVE EXAMS PORTAL**

FOR GOVT JOB SEEKERS



# Pondicherry UDC Exam 2015 solved question paper

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1. An incandescent lamp is operated at 240 V and the current is 0.5 A. What is the resistance of the lamp?

(D)  $240.5 \Omega$ 

- (A)  $120 \Omega$  (B)  $480 \Omega$  (C)  $340 \Omega$
- 2. 'The magnitude of emf induced in a closed circuit is directly proportional to the rate of change of magnetic flux linked with the circuit'.
- (A) Faradays first law of electromagnetic induction
- (B) Faradays second law of electromagnetic induction
- (C) Lenz's law
- (D) Flemings right hand rule
- 3. Which of the following statement is incorrect?
- (A) Neutrons are neutral particles with no charge
- (B) The mass of the neutron is slightly greater than that of protons
- (C) Neutrons are stable inside the nucleus and unstable outside the nucleus
- (D) As neutrons are neutral they cannot penetrate any nucleus
- 4. Match the Chinese Pilgrims with the events connected to them and select the correct answers from the options given:
- (i) Fa-Hien (a) Stayed at Nalanda for ten years studying and translating Buddhist texts and returned to China with a collection of 400 Sanskrit manuscripts
- (ii) Hieuen Tsang (b) Came to India via Central Asia; only interested in Buddhism and his report does not contain much political information
- (iii) I-tsing (c) Left India with 20 horses loaded with 657 Buddhist texts and 150 relics and spent his life in studying and translating Buddhist texts

#### Options:

- (A) (i)-(b), (ii)-(a), (iii)-(c)
- (B) (i)-(c), (ii)-(a), (iii)-(b)
- (C) (i)-(c), (ii)-(b), (iii)-(a)
- (D) (i)-(b), (ii)-(c), (iii)-(a)
- 5. Match the Awards with its winners:
- (i) Saraswati Samman
- (a) Sania Mirza
- (ii) Rajiv Gandhi Khel Ratna Award
- (b) Bhalchandra Nemade
- (iii) Sangitha Kalanithi Award
- (c) M. Veerapa Moily

(iv) Jnanpita Award

(d) Sanjay Subramaniyam



### Options: (A) (i)-(c), (ii)-(a), (iii)-(d), (iv)-(b) (B) (i)-(a), (ii)-(c), (iii)-(d), (iv)-(b) (C) (i)-(b), (ii)-(a), (iii)-(d), (iv)-(c) (D) (i)-(b), (ii)-(a), (iii)-(c), (iv)-(d) 6. Match the following which were in news recently (i) IGAD - Plus (a) A scheme for online release of New LPG connection to consumers (ii) Mosquirix (b) A zero Carbon planned city in Abu Dhabi. (iii) Masdar (c) First licensed human vaccine against malarial (iv) SAHAJ (d) Agreement on the resolution of conflict in the Republic of Sudan Options: (A) (i)-(d), (ii)-(a), (iii)-(b), (iv)-(c) (B) (i)-(c), (ii)-(a), (iii)-(d), (iv)-(b) (C) (i)-(d), (ii)-(c), (iii)-(b), (iv)-(a) (D) (i)-(b), (ii)-(a), (iii)-(d), (iv)-(c) 7. Match the following types of graft or transplantation : (i) Autograft (a) Graft between Syngeneic individuals (ii) Isograft (b) Tissue of the original donor is grafted back into the same donor (c) Graft between allogenic individual (iii) Homograft Options: (A) (i)-(c), (ii)-(a), (iii)-(b) (B) (i)-(c), (ii)-(b), (iii)-(a) (C) (i)-(b), (ii)-(a), (iii)-(c) (D) (i)-(a), (ii)-(b), (iii)-(c) 8. Which one of the following is correct? (A) Sickle cell anaemia is a genetic syndrome caused by an autosomal mutant allele Haemoglobin (B) Agammaglobulinemia is an erythroblastic anaemia due to homozygous recessive gene expression in children (C) Thalassemia is a recessive gene disease where in r-globulin synthesis fails to occur (D) None of the above 9. The Indian Constitution has borrowed certain provisions from the constitution of other countries. Match the provisions borrowed from other countries. (i) The Institution of speaker and his role (a) Irish Constitution (ii) Power of Judicial review and independence of judiciary (b) British Constitution (iii) The idea of Residual Powers (c) United States Constitution (iv) Directive Principles of State Policy (d) Canadian Constitution Options: (A) (i)-(b), (ii)-(a), (iii)-(d), (iv)-(c) (B) (i)-(b), (ii)-(c); (iii)-(d); (iv)-(a) (C) (i)-(c), (ii)-(b), (iii)-(d), (iv)-(a) (D) (i)-(d), (ii)-(c), (iii)-(b), (iv)-(a) 10. Which provision of the constitution explicitly clarifies that a policy like reservation will not be seen as a violation of Right to Equality? (A) Article 16 (1) (B) Article 16 (2) (C) Article 16 (3)

(D) Article 16 (4)

11. Dr. Ambedkar considered one of the following as "heart and soul of the constitution". Identify the same.		
(A) Right to Equality		
(B)	Right against Exploitation	
(C)	Right to Constitutional Remedy	
(D)	) Right to Freedom of Religion	
12. Identify which of the following is not true about Pradhan Mantri Suraksa Bhima Yojna		
(A)	Persons upto 60 years are eligible under this scheme	
(B)		
(C)		
(D)		
13	3. Match the books and its authors :	
	Ethics for New Millennium	(a) Kuldip Nayar
. ,	Between the lines	(b) Vikram Seth
	Power Politics	(c) Dalai lama
` ′	An Equal music	(d) Arundhati Roy
Options:		
(A) (i)-(b), (ii)-(d), (iii)-(c), (iv)-(a)		
(A) (B)		
(C)		
(D)	o) (1)-(c), (11)-(a), (111)-(u), (111)-(u)	
14.	4. Name the awards, which is conferred annually in the United States for the accomplishments in journalism, literature and music	
(A)	) Magsaysay award	
(B)	) Pulitzer prize	
(C)	Man Booker Prize	
(D)	D) Right livelihood award	
15.	5. Match the following:	
(i) Carrying capacity / of the environment (a) That meets the need of the present generation without		
compromising the ability of the future generation to		
meet their own needs.		
(ii) Absorptive capacity / of the environment (b) Implies that the resource environment extraction is		
not above the rate of regeneration of the resource and		
the waste generated are within the assimilating		
capacity of the environment		
(iii)	Sustainable development	(c) Means the ability of the environment to absorb
degradation		
Options:		
(A)	u) (i)-(b), (ii)-(c), (iii)-(a)	
(B)	) (i)-(a), (ii)-(c), (iii)-(b)	
(C)	(i)-(c), (ii)-(b), (iii)-(a)	
(D)	(i)-(b), (ii)-(a), (iii)-(c)	

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