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IAS Prelims General Studies Paper 1995 (Part 3 of 10)

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1. A parachutist jumps from a height of 5000 meters. The relationship between his falling speed, vf and the distance fallen through df is best represented as
 - a. N/A
 - b. N/A
 - c. N/A
 - d. N/A
2. Consider the map given below. The division along India's coastal region indicates
 - a. coastal pollution zones
 - b. salinity density isopleths
 - c. the areas upto which sovereignty extends
 - d. underwater relief contours
3. The only snake that builds a nest is
 - a. Chain viper
 - b. King Cobra
 - c. Krait
 - d. Saw-scaled viper
4. Which one of the following can be used to confirm whether drinking water contains a gamma emitting isotope or not?
 - a. Microscope
 - b. Lead plate
 - c. Scintillation counter
 - d. Spectrophotometer

5. Who among the following have the right to vote in the elections to both the Lok Sabha and the Rajya Sabha?
- Elected members of the Lower House of the Parliament
 - Elected members of the Upper House of the Parliament
 - Elected members of the Upper House of the state of Legislature
 - Elected members of the Lower House of the State Legislature
6. Seven men, A, B, C, D, E, F and G are standing in a queue in that order. Each one is wearing a cap of a different colour like violet, indigo, blue, green, yellow, orange, and red. D is able to see in front of him green and blue, but not violet. E can see violet and yellow, but not red. G can see caps of all colours other than orange. If E is wearing an indigo coloured cap, then the colour of the cap worn by F is
- blue
 - violet
 - red
 - orange
7. The Nagara, the Dravida the Vesara are
- the three main racial groups of the Indian subcontinent
 - the three main linguistic divisions into which the languages of India can be classified
 - the three main styles of Indian temple architecture
 - the three main musical gharanas prevalent in India
8. The normal temperature of human body on the Kelvin scale is
- 280
 - 290
 - 300
 - 310
9. In the map given below, three out of the four places marked indicate places where a thermal power station is located: The place where there is no thermal power station is marked
- 1
 - 2
 - 3

d. 4

10. Match List I with List II

List-I	List-II
A. European trans-Continental railway	1. Paris to Istanbul
B. Trans-Andean railway	2. Leningrad to Vladivostok
C. Trans-Siberian railway	3. Leningrad to Volgograd
D. Orient Expiree	4. Buenos Aires to Valparaiso
	5. Paris to Warsaw

A B C D

a. 5 4 2 1

b. 1 4 3 2

c. 5 1 2 3

d. 1 2 3 4

11. As part of the liberalization programme and with a view to attack foreign exchange, the government and the RBI have, devised two schemes known as FCNR eAf and FCNR eBf. Which of the following is/are true regarding these two schemes?

- Under scheme eAf RBI bears exchange rate fluctuations.
- Under scheme eBf other banks are to meet out the difference in exchange rate fluctuations.
- Both the schemes stand withdrawn now.
- Only scheme eAh has been withdrawn.

Codes:

- 3 only
- 1 and 2
- 1,2 and 3
- 1,2 and 4

12. Which one of the following States of India does not have a Legislative Council so far even through the Constitution (Seventh Amendment) Act, 1956 provides for it?
- Maharashtra
 - Bihar
 - Karnataka
 - Madhya Pradesh.
13. A person traveled from one place to another at an average speed of 40 kilometers/hour and back to the original place at an average speed of 50 Kilometers. What is his average speed in kilometers/hour during the entire roundtrip?
- 45
 - $\frac{201}{5}$
 - $\frac{400}{9}$
 - Impossible to find out unless the distance between the two places is known
14. When the same note is played on a sitar and a flute, the sound produced can be distinguished from each other because of the difference in
- pitch, loudness and quality
 - pitch and loudness
 - quality only
 - loudness only
15. ◦ **Assertion (A)** : A diamond sparkles more than a glass imitation cut to the same shape.
- **Reason (R)** : The refractive index of diamond is less than that of glass.
- In context of the above two statements, which one of the following is correct?
- Both A and R are true and R is the correct explanation of A
 - Both A and R are true and R is not a correct explanation of A
 - A is true but R is false
 - A is false but R is true