

**Deccan College
Post Graduate and Research Institute
(Deemed University)
Pune – 411 006**

Ph.D. Entrance Test

General Aptitude Test

Time : 1 hour

Marks : 50

Examination Seat No :

Date : 7-09-2015

Instructions:

- i. All questions carry 2 marks.**
- ii. All questions are compulsory.**
- iii. Return the answer paper to the supervisor before you leave the Examination Hall.**

1. The Sun rises in the east because
 - a) The earth revolves around the sun from east to west
 - b) The earth rotates around itself from east to west
 - c) The earth rotates around itself from west to east
 - d) All of the above
2. Sameer watches the Sun rising from his right. He then turns towards the left by 45 degrees. Which direction he is facing?
 - a) West b) North-West c) South-East d) East
3. A wooden block floats on the water because
 - a) Its weight is less than that of water
 - b) Its density is less than of water
 - c) Its density is more than that of water
 - d) None of the above
4. Find the odd one out
 - a) Parrot b) Bat c) Owl d) Swan
5. Which of the following statements is incorrect
 - a) The speed of light is finite
 - b) The sound waves need a medium for propagation
 - c) Speed of Sound is less than that of light
 - d) None of the above
6. Mumbai : Maharashtra : : ? : Haryana
 - a) Delhi b) Hyderabad c) Chandigarh d) Bengaluru

16. What does CPU stand for?
- Cute People United
 - Commonwealth press Union
 - Computer Parts of USA
 - Central Processing Unit
17. The famous book 'Anandmath' was authored by-
- Sarojini Naidu
 - Bankim Chandra Chattopadhyaya
 - Sri Aurobindo
 - Ranidrananth Tagore
18. The scientist who first discovered that the earth revolves round the sun was-
- Newton
 - Dalton
 - Copernicus
 - Einstein
19. The longest day (Shortest night) in the southern hemisphere is-
- June 21
 - December 22
 - July 21
 - November 22
20. The languages spoken in Sikkim are –
- Nepali, Hindi, Lepcha, Bhutani
 - Marathi
 - Bengla, Tripui
 - Manipuri
21. Here are some words translated from an artificial language.
- lelibroon* means 'yellow hat'
 - plekafroti* means "flower garden"
 - frotimix* means "garden salad"
 - Which word could mean "yellow flower"?
- | | |
|----------------------|----------------------|
| a) <i>lelifroti</i> | b) <i>lelipleka</i> |
| c) <i>plekabroon</i> | d) <i>frotibroon</i> |
22. Myopia is connected with _____
- | | |
|----------|------------------|
| a) ears | b) eyes |
| c) lungs | d) none of these |
23. A man is 24 years older than his son. In two years, his age will be twice the age of his son. What is the present age of his son?
- | | |
|-------------|-------------|
| a) 23 years | b) 22 years |
| c) 21 years | d) 20 years |

24. A train is running at a speed of 40 km/hr and it crosses a post in 18 second. What is the length of the train?
- a) 190 metres
 - b) 160 meters
 - c) 200 metres
 - d) 120 metres

25. Film and TV Institute of India is located at _____
- a) Pune (Maharashtra)
 - b) Rajkot (Gujrat)
 - c) Hyderabad (Andhara Pradesh)
 - d) Bangluru (Kanrantaka)

Answer Key :

1	C
2	B
3	B
4	B
5	D
6	C
7	C
8	C
9	A
10	C
11	D
12	C
13	C
14	B
15	D
16	D
17	B
18	C
19	B
20	A
21	B
22	B
23	C
24	D
25	A