



**FEDERAL PUBLIC SERVICE COMMISSION**

**COMPETITIVE EXAMINATION FOR  
RECRUITMENT TO POSTS IN BPS-17 UNDER  
THE FEDERAL GOVERNMENT, 2007**

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| <u>Roll Number</u> |
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**GENERAL KNOWLEDGE PAPER-I  
EVERY DAY SCIENCE**

**TIME ALLOWED: 100 MINUTES.....Maximum Marks: 50**

**NOTE:**

- (i) Attempt **ONLY FIVE** questions. All questions carry **EQUAL** marks.
- (ii) Extra attempt of any question or any part of the attempted question will not be considered.

**Q.1.** write short notes on any two of the following (5 each)

- (a) Laser
- (b) Nuclear reactor
- (c) Ceramics

**Q.2.** Write briefly (not more than three to four sentences) about any five of the following ( 2 each)

- (a) Asteroids
- (b) Black Hole
- (c) Aurora
- (d) Sedimentary Rock
- (e) Epiphytes
- (f) Ionosphere

**Q.3** Differentiate between the following pairs: (2 each)

- (a) BIT and BYTE
- (b) RAM and ROM
- (c) Epidemic and endemic
- (d) Photosynthesis and respiration
- (e) Herbivores and carnivores



**Q.4 (i) What are the endocrine glands? Name any Two. (2+2)**

(ii) Name the parts of human body from where the following secreted: (6)

- (a) Insulin
- (b) thyroxin
- (c) adrenalin
- (d) oestrogen
- (e) cortisol
- (f) Testosterone

**Q.5 (a) Briefly discuss the classification of plants giving suitable examples: (6)**

**(b) define the following: (4)**

- (1) Vaccine
- (2) Antibiotic
- (3) Solar eclipse
- (4) Exothermic

**Q.5 Give scientific reasons of the following: (2 each)**

- (a) Why climbers get their food by climbing on other trees ?
- (b) Mars is called red planet.
- (c) Vitamin D is the essential component of the body.
- (d) The weight of the object is less at the equator than at the poles.
- (e) Why do some people snore?

**Q.7 Give description of satellites and also give their functions. (10)**

**Q.8**

- (a) What is balance diet? (5)
- (b) How are characters transmitted from parents to offspring? (5)

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