



FEDERAL PUBLIC SERVICE COMMISSION

<u>Roll Number</u>

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

**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

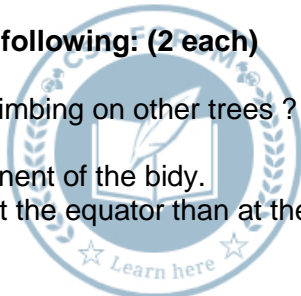
Q.5 (a) Briefly discuss the classification of plants giving suitable examples: (6)

(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)
