



FEDERAL PUBLIC SERVICE COMMISSION
COMPETITIVE EXAMINATION-2022
FOR RECRUITMENT TO POSTS IN BS-17
UNDER THE FEDERAL GOVERNMENT

Roll Number

ZOOLOGY

TIME ALLOWED: THREE HOURS PART-I(MCQS): MAXIMUM 30 MINUTES	PART-I (MCQS) PART-II	MAXIMUM MARKS = 20 MAXIMUM MARKS = 80
NOTE: (i) Part-II is to be attempted on the separate Answer Book. (ii) Attempt ONLY FOUR questions from PART-II. ALL questions carry EQUAL marks. (iii) All the parts (if any) of each Question must be attempted at one place instead of at different places. (iv) Write Q. No. in the Answer Book in accordance with Q. No. in the Q.Paper. (v) No Page/Space be left blank between the answers. All the blank pages of Answer Book must be crossed. (vi) Extra attempt of any question or any part of the question will not be considered.		

PART-II

- Q. No. 2.** Explain in detail the most primitive metazoans and their evolution. **(20)**
- Q. No. 3.** Write in detail the microscopic structure, skeleton, histology and sexual reproduction & development of Sycon gelatinosum. **(20)**
- Q. No. 4.** What are the general features of nematodes including physiology, prevalence and economic importance? **(20)**
- Q. No. 5.** How genetic equilibrium is upset. Explain. **(20)**
- Q. No. 6.** Discuss in detail taxonomic characters and phylogenetic reconstruction. **(20)**
- Q. No. 7.** Describe mechanism of hormone actions. **(20)**
- Q. No. 8.** Write in detail on extinction and biodiversity. **(20)**
