



CET (Common Entrance Test)

(For admission to B.Sc. (Hons) Agriculture 4-year, B.Sc. (Hons) Horticulture 4-year, B.Tech. (Biotechnology) 4-year, B.Tech. Food Technology 4-year, B.Sc. (Hons.) Agribusi. Mgt. 4-year, 5-Year Integrated M.Sc. (Hons) programmes in Biochemistry, Botany, Chemistry, Microbiology, Physics, Zoology, B.Sc. (Hons.) Community Science 4-year, B.Sc. (Hons) Nutrition & Dietetics 4-year)

1. Test Structure

- The test shall comprise one paper of three hours' duration.
- The question paper will have three sections as under:
 - Compulsory sections:**
Physics : 66 questions of one mark each.
Chemistry : 66 questions of one mark each.
These two sections are compulsory for all candidates.
 - Section with option** Mathematics/Biology/Agriculture/Home Science
68 questions of one mark each for Biology or Agriculture or Home Science or
34 questions of two marks each for Mathematics.

Note: Candidate opting for PCH (Physics, Chemistry and Home Science) in the CET shall be eligible only for B.Sc. (Hons) Community Science or B.Sc. (Hons) Nutrition & Dietetics

The candidate can opt for any of these four options. The optional subject in which the candidate wants to appear must be mentioned at Sr, No. 6 of the application form.

- Each correct answer will carry **one mark** whereas **1/4 mark** will be deducted for every wrong answer. The weightage for correct and incorrect answer will be double in case of Mathematics subject.
- The medium of question paper will be English only.

2. Syllabus

The syllabi of Common Entrance Test (CET) will be the same as the syllabi of 10+2 of the Punjab School Education Board (both years i.e., +1 and +2).

3. Model Questions

PHYSICS

- A particle starts with initial velocity for 10m S^{-1} . It covers a distance of 20 cm along a straight line in two seconds. What is the acceleration of particle?
(A) Zero (B) 1mS^{-2}
(C) 10mS^{-2} (D) 20mS^{-2}
- What is the barometric height of a liquid of density 3.4 g cm^{-3} at a place where the height for mercury barometer is 70 cm?
(A) 70 cm (B) 140 cm
(C) 280 cm (D) None of these

CHEMISTRY

- The electronic configuration 2, 8, 8, 2 represents the element:
(A) Argon (B) Potassium
(C) Calcium (D) Chlorine



2. In a double bond connecting two atoms there is sharing of:
(A) 2 electrons (B) 4 electrons
(C) 1 electron (D) 6 electrons

BIOLOGY

1. One of the following terms involves all others?
(A) Stock (B) Scion (C) Graft (D) Cambium
2. The following plant has bisexual flower:
(A) Papaya (B) Date palm (C) Cycas (D) Datura

AGRICULTURE

1. Diammonium phosphate contains P_2O_5
(A) 20% P_2O_5 (B) 36% P_2O_5
(C) 46% P_2O_5 (D) 60% P_2O_5
2. The cotton plant belongs to the family:
(A) Brassicaceae (B) Malvaceae (C) Rutaceae (D) Solanaceae

MATHEMATICS

1. In a ΔABC , if $a = 3$, $b = 4$ & $c = 5$ then $\cos A$ is :
(a) $4/5$ (b) $3/5$ (c) $5/4$ (d) $3/4$
2. If the third term of G. P. is 4, the product of first five terms is:
(A) 4^3 (B) 4^5 (C) 4^4 (D) None of the above

COMMUNITY SCIENCE

1. Amla is rich source of
(A) Calcium (B) Vitamin C (C) Zinc (D) Vitamin E
2. This is natural fibre
(A) Rayon (B) Nylon (C) Acetate (D) Cotton

BSET (Ballawal Saunkhri Entrance Test)

For admission to B.Sc. (Hons) Agriculture 4-year degree programme of PAU College of Agriculture, Ballawal Saunkhri

1. TEST STRUCTURE

- (a) The test shall comprise one paper of three hours' duration.
- (b) The question paper will have three sections as under:
- (i) Compulsory sections:
Physics : 66 questions of one mark each.
Chemistry : 66 questions of one mark each.
These two sections are compulsory for all candidates.
- (ii) Section with option Mathematics/Biology/Agriculture
68 questions of one mark each for Biology or Agriculture
or 34 questions of two marks each for Mathematics.

- The candidate can opt for any of these three options. The optional subject in which the candidate wants to appear must be mentioned at Sr. No. 6 of the application form.
- (c) Each correct answer will carry one mark whereas $1/4$ mark will be deducted for every wrong answer. The weightage for correct and incorrect answer will be double in case of Mathematics subject.
- (d) The medium of question paper will be English only.