

LEVEL-II

464. Choose correct combinations from the following

Column-A (Type of SCP)	Column-B (Nutrient value)	Column-C (Dis advantage)
I. Algal SCP	deficient in sulphur	Low cell density
	containing amino acids	
II. Unicellular fungal SCP	rich in vitamin	Rich in RNA
III. Filamentous fungal SCP	rich in carbohydrates	Rate of growth is fast
IV. Bacterial SCP	rich in lysine & Methionine	Recovery of cells is problematic

- 1) I & II 2) I, II & III
3) I, II & IV 4) I, II, III & IV

465. The biomass of a species is Expressed in terms of

- 1) Fresh weight 2) Dry weight
3) 1 & 2 4) Contamination

466. Germans used Torula Yeast in

- 1) Cattle feed 2) Soups
3) Bakeries 4) Medicines

467. A SCP can't be considered if it has

- 1) Toxins 2) proteins
3) Organic acids 4) Vitamins

468. SCP are good sources of

- 1) Vitamin C 2) Vitamin B
3) Vitamin D 4) Vitamin A

469. The percentage of proteins present in chlorella

- 1) 20 % 2) 45 % 3) 60 % 4) 80 %

470. The degradation of nucleic acid produces

- 1) Lipids 2) Proteins
3) Beta carotene 4) Uric acid

471. The first SCP organism used by man is

- 1) Candida 2) Spirogyra
3) Chlorella 4) a Prokaryote

472. Paecilomyces varioti is

- 1) Unicellular yeast
2) Unicellular autotrophic thallophyte
3) Filamentous cyanobacterium
4) Filamentous fungal SCP

473. The organism used as food and harvested from the lake Chad in Africa is a/an

- 1) Eukaryotic thallophyte
2) Prokaryotic thallophyte
3) Prokaryotic embryophyte
4) Eukaryotic tracheophyte

474. Assertion (A): Algal SCP are rich source of proteins.

Reason (R): Algal SCP are deficient in sulphur containing amino acids.

475. Fungal SCP is not suitable for human consumption because of

- I) High Mg II) Low protein
III) Mycotoxins IV) High percentage of RNA
1) I and II 2) II and III
3) III and IV 4) II and IV

476. Study the following table

Nature of SCP	Organism	Others
I) Bacterial SCP	Methylophilus methylotrophus	0.3 - 4.0% carbohydrates
II) Algal SCP	Dunaliella	Very rich in B-group vitamin
III) Algal SCP	Chlorella pyrenoidosa	60% carbohydrates
IV) Fungal SCP	Saccharomyces cerevisiae	Rich in B-group vitamin

The correct combinations are

- 1) I & II 2) II & III
3) III & IV 4) I & IV

477. SCPs with good source of vitamin B-complex can be obtained from

- A) Spirulina B) Baker's yeast
C) Brevibacterium D) Mushroom
1) A and B 2) B and C
3) C and D 4) B and D

478. Match the following

List - I	List - II
A) Spirulina	I) Bacteria
B) Chlorella	II) Filamentous fungus
C) Candida	III) Unicellular fungus
D) Chaetomium	IV) Unicellular green alga
E) Brevibacterium	V) Filamentous blue green alga

	A	B	C	D	E
1)	V	IV	III	II	I
2)	I	III	IV	II	V
3)	I	IV	III	V	II
4)	V	I	II	III	IV