

R5491

Sub. Code

465201

P.G. DIPLOMA EXAMINATION, APRIL -2021

Second Semester

Scuba Diving

SCUBA DIVING EQUIPMENT AND COMMUNICATION

(CBCS – 2020 Onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all the** questions.

All questions carry equal marks.

1. What is air tap?
2. Define snorkeling.
3. Write a short note on diving mask.
4. What is buddy checking?
5. Write a short note underwater communication.
6. Give a note on fish sign?
7. Write a note on straight line navigation?
8. Define natural elements?
9. What is BCD?
10. Write a short note on alternate air source.

Part B

(5 × 5 = 25)

Answer **all** questions, choosing either (a) or (b).

11. (a) Describe about O-Ring and BDC

Or

- (b) Discuss about dive safety

12. (a) Write a note on the donning the gear.

Or

- (b) Write a note on equipment dismantling and storage.

13. (a) Write a detailed note on under water signs.

Or

- (b) Write a detailed note on buddy diving and its important.

14. (a) Write a note on fin stroke estimation

Or

- (b) Discuss natural elements that support SCUBA diving.

15. (a) Write a note on demonstrations skills required for SCUBA diving.

Or

- (b) Write a note on importance of SCUBA diving.

Part C

(3 × 10 = 30)

Answer any **three** questions.

16. Write an essay on basic equipment setup required for SCUBA diving.

17. Write a detailed note on SCUBA equipment assembly and handling.

18. Write detailed note on communication
 19. Write a note on risks of navigation and equipment maintenance.
 20. Write a detailed note about skills required to maintain equipments
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R5492

Sub. Code

465202

**P.G. DIPLOMA IN SCUBA DIVING EXAMINATION,
APRIL –2021**

Second Semester

SCIENCE OF SCUBA DIVING

(CBCS – 2020 Onwards)

Time : 3 Hours

Maximum : 75 Marks

Part A

(10 × 2 = 20)

Answer **all** questions.

All questions carry equal marks.

1. Define the composition of balanced diet.
2. Define normal fitness?
3. Write a short note on dive log book?
4. Give a short note on frog kicking?
5. What is dive sickness?
6. What is mask clearing?
7. Define open water?
8. Define diver navigation?
9. What is Aspirin and where we use it?
10. What is CPR mask?

Part B

(5 × 5 = 25)

Answer **all** questions, by choosing either (a) or (b).

11. (a) Write a note on diving sickness and medication.

Or

- (b) Write a note on rest and recuperation.

12. (a) Discuss about diving tools.

Or

- (b) Give an account on surface marker.

13. (a) Describe about injuries related to pressure.

Or

- (b) Describe about nitrogen narcosis.

14. (a) Write a detailed note on boat diving decent line.

Or

- (b) Give an account on buddy system dive.

15. (a) Describe about the importance of SCUBA.

Or

- (b) Write a detailed note on specialty diver courses.

Part C

(3 × 10 = 30)

Answer any **three** questions.

16. Write a detailed note on cardiovascular system.

17. Write a detailed note on diving equipments.

18. Give an account on possible health issue faced by divers.
 19. Write a detailed note on SCUBA diving and diving safety.
 20. Discuss on rescue dive.
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