

R6804

Sub. Code

465201

P.G. DIPLOMA EXAMINATION, APRIL – 2022

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** questions.

All questions carry equal marks

1. Define SCUBA?
2. What is BCD?
3. Write a short note on Mask De-fogging.
4. Write a short note on air quality.
5. What is a hand signal?
6. Write a note on safety stop.
7. Define DCS
8. Define diver navigation
9. Write a short note on buoyancy.
10. What is mask clearing?

Part B

(5 × 5 = 25)

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

11. (a) Discuss about pre-Dive safety check.

Or

- (b) Give an account on depth gauge and compass.

12. (a) Describe buddy diving.

Or

- (b) Discuss about use of computer in scuba diving.

13. (a) Write a note on drysuit and wetsuit.

Or

- (b) Write a detailed note on health risk in diving.

14. (a) Write a note on reciprocal navigation.

Or

- (b) Describe about importance of time in diving.

15. (a) Write a detailed note on ascents and descents.

Or

- (b) Write a detailed note on skills of mask removal and replacement.

Part C

(3 × 10 = 30)

Answer any **three** questions.

16. Write a detailed note on diving equipments.

17. Write a detailed note on signaling and communication.

18. Discuss on equipment dismantling and storing.
 19. Write a note on risks of SCUBA diving and diving safety.
 20. Give an account on skills and techniques in SCUBA diving.
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R6805

Sub. Code

465202

P.G. DIPLOMA EXAMINATION, APRIL – 2022

Second Semester

Scuba Diving

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 dive medical?
2. What is SCUBA?
3. What is surface marker?
4. Write a short note on dive flags?
5. What is pre-dive check?
6. What is nitrogen narcosis?
7. What is oxygen toxicity?
8. Write a short note on dive log book.
9. Write a short note on first aid?
10. What is depth limit?

Part B

(5 × 5 = 25)

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

11. (a) Write a detailed note on physical fitness.

Or

- (b) Write a detailed note on balanced diet for diver.

12. (a) Write a note on surface marker.

Or

- (b) Give an account on spare kit.

13. (a) Describe about hazards and dangers in diving.

Or

- (b) Write a detailed note on equipment maintenance.

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

Or

- (b) Give an account on factors affect dive depth limit.

15. (a) Explain first aid procedure during emergency time.

Or

- (b) Write a note on rescue.

Part C

(3 × 10 = 30)

Answer any **three** questions.

16. Write an essay on health and SCUBA diving.

17. Write a detailed note on SCUBA equipment assembly.

18. Give an account on diving skills and explain about mask clearing.
 19. Write a detailed note on different diving methods.
 20. Discuss on specialty diver courses.
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