DIRECTORATE OF SCHOOL EDUCATION
TAMILNADU

12NPCB14 (2023-24)	NEET PRACTICE QUESTIONS (TEST-14)	Class : XII Time : 1.15 hrs Total Marks : 240

Answer key

12th – BOTANY

31. B) Emission of ODS

Solution: 1987 Montreal protocol held in Canada – Reduce and eliminate Ozone depleting substance - CFC

32. B) Kyoto protocol – Climate change

Solution: 1997 Kyoto protocol held in Japan – Two objective to prevent dangerous climate change and reduce greenhouse gas emission.

33. C) Stratosphere

34. A) 16 September

35. B) SO_2 Pollution

36. C) CO_2 and CH_4

37. C) Less than the present

38. C) Jadav Molai Payeng

39. D. C3 + C6 →C5 + C5

40. D. 5 Carbon Ketose sugar

41. B.2 statements

42. D. Inhibitory effect

43. C. 144 and 96

Sucrose is 12 carbon x 4 = 48 carbon to fix 1 carbon in C3 plants requires 3 ATP and 2 $NADPH+H^+$

48 x 3 ATP = 144 ATP

48 x 2 $NADPH+H^+$ = 96

44.D. I, II and III

45. A. Both A and R true and R is the correct explanation

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11NPCB14 (2023-24)	NEET PRACTICE QUESTIONS (TEST-14)	Class : XI Time : 1.15 hrs Total Marks : 240

Answer key

11th – BOTANY

31. D. C3 + C6 →C5 + C5

32. D. 5 Carbon Ketose sugar

33 B.2 statements

34. D. Inhibitory effect

35. C. 144 and 96

Sucrose is 12 carbon x 4 = 48 carbon to fix 1 carbon in C3 plants requires 3 ATP and 2 $NADPH+H^+$

48 x 3 ATP = 144 ATP

48 x 2 $NADPH+H^+$ = 96

36.D. I, II and III

37. A. Both A and R true and R is the correct explanation

38. D. 180 ATP, 72 NADPH

39. B. 12

40. C. I, II, and III only

41. B. Thick walls, no intercellular spaces and large number of chloroplasts

42. D. 6

43. A.Both Statements are correct

44. C. Open during the night and close during the day

45. C. High O_2 and low CO_2