Assistant in Statistics Division (BPS-16), 2011 — 2011 · Solved Past Paper

Body: Federal Public Service Commission (FPSC) · **Post:** Assistant in Statistics Division (BPS-16), 2011 · **Year:** 2011 · **Questions:** 97 in the original paper — **5 solved and verified**, 1 excluded as defective (Q69), 91 unrecoverable (Q1, Q2, Q3, Q4, Q5, Q6, Q7, Q8, Q9, Q10, Q11, Q12, Q13, Q14, Q15, Q16, Q17, Q18, Q19, Q20, Q21, Q22, Q23, Q24, Q25, Q27, Q28, Q29, Q30, Q32, Q33, Q34, Q35, Q36, Q37, Q38, Q39, Q40, Q41, Q42, Q43, Q44, Q45, Q46, Q47, Q48, Q49, Q50, Q51, Q52, Q53, Q54, Q55, Q56, Q57, Q58, Q59, Q60, Q61, Q62, Q63, Q64, Q65, Q66, Q67, Q70, Q71, Q72, Q73, Q74, Q75, Q76, Q78, Q80, Q81, Q82, Q83, Q84, Q85, Q86, Q87, Q88, Q89, Q90, Q91, Q92, Q93, Q94, Q95, Q96, Q97) · **Price:** Free

> **How to use this paper:** each question shows the stem, the four options, and the correct answer. Click “Why each option?” under a question to see all four options explained — one question teaches four topics. General Knowledge answers are as of the 2011 sitting.

Source note: test360.pk reproduction, 'Model Paper FPSC Assistant in Statistics Division BPS-16 2011' (test 1336; states 97 total, shows 6 stems Q26, Q31, Q68, Q69, Q77, Q79 with printed keys). No other source searched (blogspot, ratta.pk, Scribd 32nd-ed book) carries the questions for this paper. 5 VERIFIED + 0 PICK-ONE + 1 DEFECTIVE-excluded (Q69, propagation constant — the keyed option A says the propagation constant is 'directly proportional to the wavelength', but $k = 2\pi/\lambda$ is inversely proportional to the wavelength, and no option states the relation correctly), all decided by the assistant under the owner's 8 Nov 2026 delegation. 91 stems are unrecoverable from any source searched and are carried as GAP headings, never reconstructed. Dedup 13 Nov 2026 vs live FPSC stems (77 papers, 6942 stems): 0 exact, 0 first-8-words matches.

No answer is given for this question, and none is taught. No stem or option set for Q1 survives in any source searched: the only reproduction found (test360.pk, test 1336) shows 6 of the paper's 97 questions, and no other source (blogspot, ratta.pk, Scribd) carries the questions for this paper. Recorded openly as unrecoverable — nothing was guessed for it.

Question 2

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Question 3

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Question 5

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No answer is given for this question, and none is taught. No stem or option set for Q6 survives in any source searched: the only reproduction found (test360.pk, test 1336) shows 6 of the paper's 97 questions, and no other source (blogspot, ratta.pk, Scribd) carries the questions for this paper. Recorded openly as unrecoverable — nothing was guessed for it.

Question 7

No answer is given for this question, and none is taught. No stem or option set for Q7 survives in any source searched: the only reproduction found (test360.pk, test 1336) shows 6 of the paper's 97 questions, and no other source (blogspot, ratta.pk, Scribd) carries the questions for this paper. Recorded openly as unrecoverable — nothing was guessed for it.

Question 8

No answer is given for this question, and none is taught. No stem or option set for Q8 survives in any source searched: the only reproduction found (test360.pk, test 1336) shows 6 of the paper's 97 questions, and no other source (blogspot, ratta.pk, Scribd) carries the questions for this paper. Recorded openly as unrecoverable — nothing was guessed for it.

Question 9

No answer is given for this question, and none is taught. No stem or option set for Q9 survives in any source searched: the only reproduction found (test360.pk, test 1336) shows 6 of the paper's 97 questions, and no other source (blogspot, ratta.pk, Scribd) carries the questions for this paper. Recorded openly as unrecoverable — nothing was guessed for it.

Question 10

No answer is given for this question, and none is taught. No stem or option set for Q10 survives in any source searched: the only reproduction found (test360.pk, test 1336) shows 6 of the paper's 97 questions, and no other source (blogspot, ratta.pk, Scribd) carries the questions for this paper. Recorded openly as unrecoverable — nothing was guessed for it.

11

No answer is given for this question, and none is taught. No stem or option set for Q11 survives in any source searched: the only reproduction found (test360.pk, test 1336) shows 6 of the paper's 97 questions, and no other source (blogspot, ratta.pk, Scribd) carries the questions for this paper. Recorded openly as unrecoverable — nothing was guessed for it.

Question 12

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Question 13

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Question 14

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Question 15

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No answer is given for this question, and none is taught. No stem or option set for Q16 survives in any source searched: the only reproduction found (test360.pk, test 1336) shows 6 of the paper's 97 questions, and no other source (blogspot, ratta.pk, Scribd) carries the questions for this paper. Recorded openly as unrecoverable — nothing was guessed for it.

Question 17

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Question 18

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Question 19

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Question 20

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21

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Question 22

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Question 23

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Question 24

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Question 25

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26 General Knowledge

GATT (General Agreement on Tariffs and Trade) is

- A. International agreement signed in 1947 between non-communist nations with the object of encouraging international trade unobstructed by tariff barriers
- B. Agreement which seeks to achieve its aim by arranging and encouraging bargaining with trade concessions
- C. Both option A and B ✓ **Correct answer**
- D. None

A. This is a correct description of GATT: it was signed in Geneva in 1947 to promote international trade by reducing tariff barriers.

B. This is also a correct description of GATT: it worked through rounds of negotiated bargaining and trade concessions.

C. Since both A and B are correct descriptions of GATT, "Both option A and B" is the correct answer.

D. Wrong, because both A and B are correct.

Note: Note: The source page misprints "Trade" as "Trace" in the stem; the correct name is the General Agreement on Tariffs and Trade. The test360 reproduction also keys C. Printed key not relied on alone.

Question 27

No answer is given for this question, and none is taught. No stem or option set for Q27 survives in any source searched: the only reproduction found (test360.pk, test 1336) shows 6 of the paper's 97 questions, and no other source (blogspot, ratta.pk, Scribd) carries the questions for this paper. Recorded openly as unrecoverable — nothing was guessed for it.

No answer is given for this question, and none is taught. No stem or option set for Q28 survives in any source searched: the only reproduction found (test360.pk, test 1336) shows 6 of the paper's 97 questions, and no other source (blogspot, ratta.pk, Scribd) carries the questions for this paper. Recorded openly as unrecoverable — nothing was guessed for it.

Question 29

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Question 30

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Question 31 General Knowledge

"Diego Garcia" is a:

- A. Airlines of Singapore
- B. French surface to surface Missile
- C. United States military base in the Indian Ocean ✓ **Correct answer**
- D. Disputed island between Japan and Russia in the Pacific Ocean

A. The airline of Singapore is Singapore Airlines, not Diego Garcia.

B. Diego Garcia is not a French missile.

C. Diego Garcia is an island in the Indian Ocean (British Indian Ocean Territory) that hosts

ed States military base.

D. The disputed islands between Japan and Russia are the Kuril Islands, not Diego Garcia.

Note: Note: The test360 reproduction also keys C. Printed key not relied on alone.

Question 32

No answer is given for this question, and none is taught. No stem or option set for Q32 survives in any source searched: the only reproduction found (test360.pk, test 1336) shows 6 of the paper's 97 questions, and no other source (blogspot, ratta.pk, Scribd) carries the questions for this paper. Recorded openly as unrecoverable — nothing was guessed for it.

Question 33

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Question 34

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Question 35

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Question 37

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Question 45

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Question 47

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Question 50

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51

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Question 55

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56

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Question 58

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Question 59

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Question 60

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Question 62

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Question 63

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Question 64

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Question 65

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Question 67

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Question 68 Everyday Science

Combination of two lenses in contact may be achromatic if

- A. One of them is Concave and the other, convex and they are made of different materials ✓ **Correct answer**
- B. One of them is convex and the other concave and both are made of the same material
- C. Both the lenses are concave and made of the same material
- D. Both the lenses are convex and are made of the same material

A. An achromatic doublet is made of one convex lens and one concave lens of different materials (crown glass and flint glass), whose different dispersive powers cancel the chromatic aberration.

B. If both lenses are made of the same material, their dispersive powers are the same and the chromatic aberration is not cancelled.

C. Two concave lenses of the same material cannot form an achromatic combination.

D. Two convex lenses of the same material cannot form an achromatic combination.

The test360 reproduction also keys A. Printed key not relied on alone.

Question 69 Everyday Science

The propagation constant of a wave is

- A. Directly proportional to the wavelength and can be represented by a wave number
- B. Directly proportional to the velocity of the wave inversely proportional to the wavelength and can be represented by the wave number
- C. Directly proportional to the wave length.
- D. None

No answer is given for this question, and none is taught. No correct option — DEFECTIVE-excluded (decided by assistant under owner's 8 Nov delegation; printed key A is WRONG physics)

A. Wrong: the propagation constant (wave number) $k = 2\pi/\lambda$ is inversely proportional to the wavelength, not directly proportional to it. The second half is right (k is the wave number), but the first half is false.

B. Wrong: $k = \omega/v$, so for a fixed angular frequency k is inversely proportional to the velocity, not directly proportional to it; the "inversely proportional to the wavelength" part is right, but the option as a whole is false.

C. Wrong: $k = 2\pi/\lambda$, so k is inversely proportional to the wavelength.

D. "None" is not the answer either, because the question asks what the propagation constant is and none of the descriptions is correct.

Question 70

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Question 71

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Question 72

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Question 73

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Question 74

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Question 75

No answer is given for this question, and none is taught. No stem or option set for Q75 survives in any source searched: the only reproduction found (test360.pk, test 1336) shows

er's 97 questions, and no other source (blogspot, ratta.pk, Scribd) carries the questions for this paper. Recorded openly as unrecoverable — nothing was guessed for it.

Question 76

No answer is given for this question, and none is taught. No stem or option set for Q76 survives in any source searched: the only reproduction found (test360.pk, test 1336) shows 6 of the paper's 97 questions, and no other source (blogspot, ratta.pk, Scribd) carries the questions for this paper. Recorded openly as unrecoverable — nothing was guessed for it.

Question 77 Everyday Science

Which of the following statements is correct?

- A. The reading on the thermometer immersed in boiling water varies as the heat increases or decreases above the boiling point
- B. When a gas under high pressure is permitted to expand into a region of low pressure, it gains temperature
- C. Air escaping from one punctured tyre feels cold ✓ **Correct answer**
- D. None of these statements is correct

A. Wrong: water boils at a fixed temperature (100°C at normal pressure), so the thermometer reading stays constant while the water boils, however much heat is supplied.

B. Wrong: when a gas expands into a region of low pressure it cools (adiabatic expansion), it does not gain temperature.

C. Right: air escaping from a punctured tyre expands rapidly and cools, so it feels cold.

D. Wrong, because statement C is correct.

Note: Note: Option (A) is garbled in the source page and is read as "The reading on the thermometer immersed in boiling water varies as the heat increases or decreases above the boiling point"; option (D) carries a bleed of the next section heading ("Pakistan Affairs")

e page. The test360 reproduction also keys C. Printed key not relied on alone.

Question 78

No answer is given for this question, and none is taught. No stem or option set for Q78 survives in any source searched: the only reproduction found (test360.pk, test 1336) shows 6 of the paper's 97 questions, and no other source (blogspot, ratta.pk, Scribd) carries the questions for this paper. Recorded openly as unrecoverable — nothing was guessed for it.

Question 79 Pakistan Affairs

Pakistan joined the South-East Asia treaty organization (SEATO) in the year

- A. 1954 ✓ **Correct answer**
- B. 1955
- C. 1956
- D. 1957

A. Pakistan joined SEATO in 1954: the Manila Pact that created SEATO was signed on 8 September 1954, and Pakistan was a founding member.

B. Pakistan did not join SEATO in 1955; the organisation was already formed in 1954.

C. Pakistan did not join SEATO in 1956; the organisation was already formed in 1954.

D. Pakistan did not join SEATO in 1957; the organisation was already formed in 1954.

Note: Note: The test360 reproduction also keys A and gives the same explanation (Manila Pact, 8 September 1954). Printed key not relied on alone.

Question 80

No answer is given for this question, and none is taught. No stem or option set for Q80 survives in any source searched: the only reproduction found (test360.pk, test 1336) shows 6 of the paper's 97 questions, and no other source (blogspot, ratta.pk, Scribd) carries the

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Question 81

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Question 82

No answer is given for this question, and none is taught. No stem or option set for Q82 survives in any source searched: the only reproduction found (test360.pk, test 1336) shows 6 of the paper's 97 questions, and no other source (blogspot, ratta.pk, Scribd) carries the questions for this paper. Recorded openly as unrecoverable — nothing was guessed for it.

Question 83

No answer is given for this question, and none is taught. No stem or option set for Q83 survives in any source searched: the only reproduction found (test360.pk, test 1336) shows 6 of the paper's 97 questions, and no other source (blogspot, ratta.pk, Scribd) carries the questions for this paper. Recorded openly as unrecoverable — nothing was guessed for it.

Question 84

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Question 85

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Question 86

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Question 87

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Question 88

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Question 89

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Question 90

No answer is given for this question, and none is taught. No stem or option set for Q90

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Question 92

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Question 94

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95

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Question 97

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