

CENTRAL EXAMINATION BOARD, ROYAL AIR FORCE
SCHOOL OF FLYING CONTROL EXAMINATION
FLYING CONTROL - I - GENERAL

READ EACH QUESTION CAREFULLY. ANSWER BRIEFLY AND TO THE POINT.

TOTAL MARKS: 100.

TIME ALLOWED: 1½ hours.

MARKS ALLOTTED TO EACH QUESTION ARE SHOWN IN BRACKETS.

ALL QUESTIONS TO BE ATTEMPTED. PLEASE WRITE LEGIBLY.

1. (i) Translate into Q - Code:
What is your height: Your turn for landing is No.3; You may descend below the clouds; Fly at 2,000 feet; Change frequency to HF. D/P. (5).
- (ii) Give meanings only of:
Q33; Gate Angels 6; QNF; Popsye; QDY. (5).
- (iii) What is the signification of:
(a) A yellow X on a red square in the Signal Area;
(b) A red S on a white triangle in the Signal Area;
(c) A blue torch in each hand held forward and downward;
(d) A black ball hoisted at the Signal Mast;
(e) Two red balls hoisted at the mast and a double white cross in the Signal Area? (5).
- (iv) Write briefly (say up to 2 lines each) about:-
(a) Occults; (b) Moored Buoys and Floats; (c) Station Z;
(d) Guiding principles in deciding whether to douse airfield lights on receipt of intruder warning;
(e) Examples of, and method of dealing with, Breaches of Aerodrome Discipline. (15).
(30 Marks).
2. Describe the main functions of Group Flying Control. (20 Marks).
3. (i) In a single word, phrase, or sentence each, answer the following queries about a Mobile Landmark Beacon:
(a) Code Name; (b) Controlling Document; (c) Colour and Type of Light;
(d) Where usually sited; (e) Procedure by aircraft to request assistance;
(f) Normal procedure by Beacon Crew in reply; (g) Procedure by Beacon Crew if airfield is U/S; (h) Procedure by Beacon Crew if Beacon is ON the aerodrome. (8).
- (ii) Describe the following procedures:
(a) By a lost aircraft to request direct Searchlight Homing and by the searchlight crew in reply; (4).
(b) By a night fighter to offer guidance to a lost aircraft and by the lost aircraft to acknowledge; (2).
(c) By a day fighter to offer guidance to a lost aircraft. (2).
- (iii) Through what channels would you obtain Searchlight Homing and/or Fighter Guidance for a lost aircraft of yours? (2).
- (iv) Describe how Searchlights are also used to indicate the exact position of an airfield. (3).
(20 Marks).
4. (i) "Request news of Whitley BL-V. X2166 left Abingdon 0900 1/3 to Kinloss
..... No news not required."
State whence such a signal would originate and outline briefly the action taken by the various people concerned, prior to the issue of the signal. (5).
- (ii) As F.C.O. at ST. EVAL, what steps would you take on being informed that a Hudson would be taking off for LEUCHARS in two hours' time? (5).
(10 Marks).
5. (i) On DIAGRAM A show, giving distances, the lay-out of lights leading from the Outer Circle to the commencement of No.2 runway in the Airfield Lighting System Mark II. (5).
- (ii) On DIAGRAM B show the areas covered by the various Coastal Groups, and mark by Name the location of each A.C.H.G. (5).
(10 Marks).

(QUESTION 6.....

8. DIAGRAM C is a plan of your airfield. You are NOT equipped with mains-operated lighting.

- (a) Number the runways. (1)
You are informed that a number of aircraft will be taking-off on a sortie soon after dusk.
- (b) State what further information you would require. (3)
You obtain from 'Met' a surface wind forecast viz. "S-W'ly, very light".
- (c) On the appropriate runway show the lay-out of the Flare Path, using the following symbols:-
Dots..... for Glms (state the colour)
Small squares for Angle of Approach Indicators.
X..... for Chance Light
T.....for Illuminated Tee. (8)

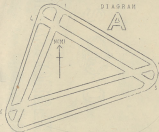
The aircraft are dispersed on the North West and North East sides of the aerodrome.

- (d) With dots representing glms or hurricanes (stating colour), show the taxiing lights you would lay out. (3)
- (e) Mark the position of the Taxiing Post and Marshalling Post. (2)
- (f) What steps would you take to ensure that everyone concerned was thoroughly acquainted with the above arrangements? (3)

(20 Marks)

DIAGRAM

A



SCALE OF YARDS

500 1000

DIAGRAM

B



DIAGRAM

C

STE
891°

HEM 1

VAR. 10° 00'

STE
244°

STE
122°

