**OBSERVATIONAL ROUND – 3RD NIGHT - SOLUTIONS**

This exam consists of 3 tables and 4 all sky charts – equator view – showing the sky for the four seasons. On those charts some objects are marked in capital letters for constellations; arabic numerals for stars and small letters for deep sky objects. There are 20 stars, 20 constellations and 10 deep sky objects to be marked on tables I, II and III.

**Correct answers:**

**Constelations:**

D – Cetus

L – Libra

O – Vela

A – Cassiopeia

H - Corona Australis

K – Draco

N – Hydra

B – Pisces

T – Canis Minor

I - Corona Borealis

G – Ophiuchus

X – Perseus

P – Ursa Major

F – Aquarius

S – Auriga

C – Capricornus

Z – Columba

M – Corvus

R – Musca

V – Puppis.

**Stars:**

1 – Achernar

3 – Al na'ir

19 – Aldebaran

14 – Alkaid

13 – Alphard

6 – Altair

7 – Antares

15 – Arcturus

20 – Betelgeuse

18 – Canopus

17 – Capella

9 – Deneb

2 – Fomalhaut

4 – Hamal

12 – Regulus

10 - Rigil Kentaurus

8 – Shaula

16 – Sirius

11 – Spica

5 – Vega

**Deep sky objects:**

a - Andromeda Galaxy

f - Coal Sack

b - Eta Carinae Nelula

c - Helix Nebula

d - Hercules Globular Cluster

r - Large Magellanic Cloud

g - Omega Centauri Cluster

m - Orion Nebula

h - Praesepe Cluster

e - Ring Nebula