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**CERTIFICATE IN DIABETES CARE FOR
COMMUNITY WORKER (CDCW)**

**Term-End Examination
December, 2012**

**CNS-DC-001 : CONCEPTS AND INTERVENTIONS
OF DIABETES MELLITUS**

Time : 3 Hours

Maximum Marks : 70

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- Note :** (i) *Answer all the questions.*
(ii) *Answer all the parts of questions at one place.*
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1. (a) Describe the criteria for diagnosis of the Diabetes Mellitus (DM). **6+4=10**
(b) Discuss Lipid Profile control in monitoring a diabetic patient.

2. (a) Describe the functions of Pancreas. **3+5+7=15**
(b) Explain the effects of insulin on carbohydrate metabolism.
(c) Discuss about type I Diabetes Mellitus (DM).

3. (a) List any six common exercises which patient with DM can do daily. **3+3+4+5=15**
(b) Discuss three important steps to be followed by patient during exercises.

- (c) List any four benefits of diet modification for Diabetic patients.
- (d) Describe the effects of alcohol and smoking on diabetes mellitus.
4. (a) List the acute complications of diabetes mellitus. **3+7=10**
- (b) Differentiate between hyperglycaemic coma and hypoglycaemic coma.
5. Write short notes on *any four* of the following : **4x5=20**
- (a) Screening for pre-diabetes.
- (b) Pre Pregnancy counselling
- (c) Self monitoring of Blood Glucose
- (d) Principles of behaviour change communication.
- (e) Foot Examination
- (f) Guidelines for diabetic patient for healthy coping.
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