

**Riviera International Academy**

**Assignment-2077**

**(Baisakh 21, 2077, Sunday)**

**Class: Eight**

**Subject- Social Studies**

- a. Define development.
- b. Who are the ones to get direct benefit from development?
- c. What type of development becomes sustainable?
- d. What happens if local people involve in development activities.
- e. Write the name of development project conducted in your place.

**Subject: Mathematics**

- 1. Read & write all the formulae of area and perimeter.
- 2. Also read and write table from 12 to 20.

**Subject: Opt. Mathematics**

**Fill in the blanks.**

- |   |                             |                            |
|---|-----------------------------|----------------------------|
| i) $\sin 30^\circ$ .....                  | ii) $\tan 45^\circ$ .....   | iii) $\sec 60^\circ$ ..... |
| iv) $\operatorname{cosec} 45^\circ$ ..... | v) $\sin 90^\circ$ .....    | vi) $\sec 0^\circ$ .....   |
| vii) $\cot 30^\circ$ .....                | viii) $\cos 45^\circ$ ..... | ix) $\sin 60^\circ$ .....  |

**Find the values of:**

- |   |  |
|---|--|
| i) $\sin 30^\circ + \cos 60^\circ + \tan 0^\circ$             | ii) $\sin 0^\circ + \cos 0^\circ + \tan 45^\circ$                    |
| iii) $\sin 90^\circ + \cos 60^\circ + \tan 45^\circ$          | iv) $\sin 45^\circ + \cos 45^\circ + \sqrt{2} \tan 45^\circ$         |
| v) $\tan 30^\circ + \cot 30^\circ + \sin 60^\circ$            | vi) $\tan 60^\circ (\cos 0^\circ - \sin 30^\circ)$                   |
| vii) $\sin 30^\circ (\cos 90^\circ + \cos 30^\circ)$          | viii) $\tan 30^\circ (\tan 60^\circ - \cos 30^\circ)$                |
| ix) $\tan 60^\circ (\sin 60^\circ + \cos 30^\circ)$           | x) $(\sin 30^\circ + \cos 60^\circ) (\cos 60^\circ - \sin 30^\circ)$ |
| xi) $2 \sin 60^\circ \cdot \cos 60^\circ \cdot \tan 60^\circ$ |  |

**The End.**